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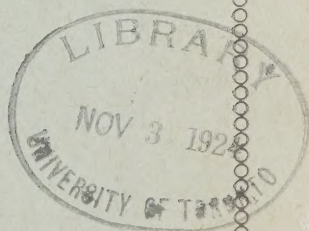
( QUEBEC HARBOUR  
COMMISSIONERS' ) REPORT  
FOR THE YEAR 1914

UNDER THE QUEBEC HARBOUR COMMISSIONERS' ACT, 1899



QUEBEC

1914





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QUEBEC HARBOUR  
COMMISSIONERS' REPORT  
FOR THE YEAR 1914

UNDER THE QUEBEC HARBOUR COMMISSIONERS' ACT, 1899

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VIEW OF THE EASTERN PART OF THE TIDAL HARBOUR



# OFFICERS OF THE QUEBEC HARBOUR COMMISSION

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## COMMISSIONERS

WILLIAM PRICE, CHAIRMAN,

J. B. E. LETELLIER,

A. S. GRAVEL.

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RAOUL RENAULT, *Secretary-Treasurer.*

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ST. GEORGE BOSWELL, *Chief Engineer and General Supt.*

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W. V. TAYLOR, *Assistant Engineer.*

Capt. JAS. A. MURRAY, *Harbour Master.*

---

THOS. MCGOUCH, *Assistant Harbour Master.*

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P. FLYNN, *Wharfinger.*

---

A. LETELLIER, *Assistant Wharfinger.*

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JOHN STAIN, *Chief Clerk and Book-Keeper.*

---

E. H. S. WOODSIDE, *Accountant.*

---

ONESIME LEBRUN, *Assistant-Treasurer.*

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P. D. WOODS, *Clerk.*

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QUEBEC HARBOUR COMMISSIONERS' GRAIN ELEVATOR No. 2

To the Honorable  
J. D. HAZEN, M. P., P. C.,  
Minister of Marine & Fisheries,  
Ottawa.

Sir,

In compliance with the requirements of the Act 62-63 Victoria, Chapter 34, section 46 (The Quebec Harbour Commissioners' Act, 1899), I have the honor to submit the following report on the operations of the Quebec Harbour Commissioners for the year 1913.

*Chief Engineer's Report.*

The annexed report from the Chief Engineer, Mr. St. George Boswell, conveys information regarding all matters coming under his care in connection with the Harbour Works in general, and the various additions, alterations and reparations made to them, and the minor works executed during the year on the properties of the Commissioners.

*Wharfinger's Report.*

The annexed report from the Wharfinger, Mr. P. Flynn, gives the usual information regarding the number of vessels using the Louise Docks, the goods landed or shipped on the wharves, and the railway traffic over the Commissioners' property during the year 1913.

### *Harbour Master's Report.*

The annexed report from the Harbour Master, Mr. J. C. Sullivan, contains the usual data concerning the opening and closing of navigation, the formation of ice, and the routine work of his Department.

### *Premises Leased.*

The leases of the following tenants have been renewed for one year, all subject to cancellation after three month's notice, if any of the properties leased are required for Harbour Improvements: Canadian Import Company, two hundred feet frontage in the Inner Basin; Quebec Railway Light, Heat & Power Company, wood yards on the Embankment; Messrs. Lachance & Frère, coal yard on the Embankment; Mr. Miles Lonergan, coal space on the Embankment.

An agreement was entered into with the Grand Trunk Railway Sytesm and the Intercolonial Railway of Canada, whereby the Commissioners have leased jointly to these Companies an area of land comprising all the space included between Prince of Wales, St. Andrew and St. James Streets, and the river front. On this space, two large fire-proofs freight shed have been erected, and several railway tracks laid for the accommodation of the Railway Companies.

### *Revenue and Expenditure.*

The Revenue of the Commissioners for the year 1913, has been of \$232,334.73, or an increase over the preceding year of \$106,203.34, and the Expenditure chargeable to Revenue has amounted to \$229,307.90, leaving a surplus over the working expenditure for the year, of \$3,026.83.





QUEBEC HARBOUR COMMISSIONER'S GRAIN ELEVATOR No 2  
(looking on Wet Dock)



*Expenditure on Capital Account.*

The Expenditure on Capital account during the year, out of the approved estimates by your Department, under the "Quebec Harbour Advances Act, 1913", (3-4 George V, Chapter 41), has been of \$2,612,909.87, the details of which will be found in a tabulated statement annexed to this Report.

The General Expenditure on Capital Account, out of the available monies at the disposal of the Commissioners has been of \$236,243.71. A detailed statement of this expenditure is also attached to this report.

The total Expenditure on Capital Account during the year 1913 has been of \$2,843,153.58.

*Handling of Railway Cars.*

The Commissioners have taken charge on the 1st of July, 1913, of the Railway Traffic on their properties, and have in commission for this service three powerful switching locomotives. I am pleased to report that this service has proved a great improvement over the system prevailing, when all railways having access to Quebec were allowed to switch their own cars on the Commissioners' docks and wharves.

The Commissioners have had Paragraph "C" of Sub-Section 2, of Section 22 of their Act amended, so as to define more clearly their powers for operating switching locomotives, and carrying goods by any motive power to and from, or between the Railways connecting with the Harbour Tracks and the Harbour Lines.

*Revision of By-Laws.*

The Commissioners have revised and consolidated all their By-Laws during the year, and they have included in this Revision regulations and tariffs for the Handling of Railway Cars, for the use of their Floating Crane which will be in commission by the 1st of June, and for the Handling of Grain in their New Grain Elevator which is to be in readiness to receive grain on the 15th of May.

*Ice Cutting.*

During the winter of 1912-1913, 103,062 blocks of ice have been cut for local use.

Care has been taken that all this ice that is cut for domestic purposes is perfectly pure and taken in localities in the Harbour that have been selected after an analysis of the ice had been made.

To this report are annexed the various statements conveying the information yearly forwarded to your Department in connection with the Harbour, and also a complete statement of the Commissioners' accounts for the year.

I have the honor to be,

Sir,

Your most obedient servant,

RAOUL RENAULT,  
Secretary-Treasurer.



VIEW OF THE EASTERN PART OF THE HARBOUR OF QUEBEC





## HARBOUR ENGINEER'S OFFICE

Quebec, January 2nd, 1914.

RAOUL RENAULT, Esq.,  
*Secretary-Treasurer,*

*Harbour Commission,  
Quebec.*

Sir,

I have the honor to submit the following, with reference to the various works in connection with the maintenance and improvement of the Harbour Accommodation, carried out by this Department during the past year.

*Princess Louise Embankment, Bulkhead Wall.*

The construction of the Bulkhead Wall along the Northern face of the Princess Louise Embankment, as recommended by Messrs. Coode, Matthews, Fitzmaurice & Wilson in their report of January 21st, 1913, having been decided upon by the Commission, arrangements were made for beginning this work on the opening of Navigation in the Spring; for this purpose the timber required, consisting of Southern Pine and Spruce, was purchased during the winter; a site at Indian Cove was secured for use as a service ground, for the construction of the Cribwork foundations; and a Quarry site secured at St. Nicholas on the South Side of the St. Lawrence, where the stone required for the Construction purposes was obtained.

*Indian Cove.*

At this site the "Long Wharf", some 1820 feet in length, has been repaired to suit requirements; a Saw-Mill, with Compressor Plant has been erected; launching ways have been laid down, tracks have been placed on the wharf for the use of the travelling derrick and for the transportation of timber; booms have been repaired and constructed; the building known as the "Salt Shed" has been reroofed with Galvanized Iron, and generally made wind and water tight; the office building has been put into serviceable condition; a forge has been erected; a stairway leading from the main highway constructed, and electric lights placed in the Mill and Office Building; two travelling derricks have been constructed and placed on the wharf for handling crib timbers, and the necessary boring tools for use in the construction of the Cribwork have been secured.

*Quarry Property.*

This property was developed during the early summer; for this purpose a wharf of 160 feet long and 20 feet wide was constructed, and grounding berths prepared along the N. E. & S. W. sides of wharf, suitable for the grounding of deck scows; a Boiler and Engine house, a Store, an Office and a lodging house were erected, a Compressor Plant installed, a Locomotive Crane placed on a track, laid down on the wharf for the purpose, and some 2,000 lin. ft of tracks for dump cars laid down to the Quarry face.

A contract was also given to the Union Sand Company for the transportation of stone from Quarry Wharf to the site of the works under construction, by the Commission.



QUEBEC HARBOUR COMMISSIONERS GRAIN ELEVATOR No. 2  
from the West





### *Bulkhead Construction.*

In connection with the construction of this work, a contract for dredging in the estuary of the River St. Charles was awarded by the Commission, to the Dominion Dredging Company, which Company has during the past season, removed 2,986,700 cubic yards of material.

In the trench excavated by the above Company for the purpose, five of the foundation cribwork blocks for the Bulkhead Wall have been sunk in position and filled with stone, making a length of foundation work of 120 feet ready for the superstructure next Spring; these foundation blocks are founded at a depth of 40 feet below water. In addition to the Cribwork Blocks placed in position, three others have been partially completed, one up to a height of 30 feet, one to the height of 13 feet, and one to six feet in height. A considerable quantity of the dredged material has been deposited as filling between the Bulkhead Wall and the present Louise Embankment.

For the purpose of continuing the dredging operations, in connection with this work next season, the Commissioners have purchased two powerful dredges, six dump scows, three with a capacity of 500 cubic yards, and three with a capacity of 300 cubic yards, also one tow boat of some 900 L. H. P.; of the two dredges, the "Fruhling Suction Dredge" has been delivered, and worked in the Harbour for 14 days, from November 5th to November 20th, after which date she was made ready for proceeding to St. John, N. B., for which Port she left on November 28th, arriving at St. John under her own steam on December 5th.

The second dredge is to be of the Ladder Bucket Type, with a capacity of 1,000 cubic yards per hour, and is now

under construction by Messrs. Wm. Simmons & Co., of Renfrew, Scotland, for delivery early next season.

### *Grain Elevator.*

On the 18th of February last a Contract was entered into with the Canadian Stewart Company for the construction of a 1,000,000 bushel fire-proof Grain Elevator to be located on the Louise Embankment, with Marine tower for loading or unloading vessels in the Wet Dock, a conveyor gallery system for serving the various berths in the Louise Dock, and a dryer house for restauring damaged grain; provision has been made for increasing the capacity of this Elevator by an additional 1,000,000 bushels.

The actual work of construction on this building was begun during the latter part of the month of April, and has since then progressed in a very satisfactory maner. The working house, the storage house, Power house and Dryer are now practically complete, with the exception of the installing of the machinery, and minor interior work, the foundations for the Marine Tower have been completed, and the superstructure is now well advanced.

In connection with this Elevator, a self contained floating Grain Elevator, with a capacity of 30,000 bushels has been purchased for the purpose of serving vessels that cannot be reached by the conveyor galleries.

### *Louise Embankment — General Work & Repairs.*

A transfer yard has been laid down at the Western End of the Embankment, where cars are delivered to and received from the various Railway Companies.

The Landing Shed No. 18 on the Breakwater has been



SINKING OF CRIB No. 2  
at the mouth of the River St. Charles





extended 420 feet, the total length of this shed now being 744 feet.

The Baggage Shed No. 24 removed from the Breakwater to make room for the extension of Shed No. 18 has been converted into a small Machine Shop, and has been fitted up with tools and operated as such during the past summer. A Locomotive Shed has been placed at the Northern side of this shop, where the three locomotives owned by the Commission can be taken care of.

A new two story Carpenters' Shop is now in course of construction in the vicinity of the above buildings.

Two large fixed fenders have been secured to the North East and North West corners of Pier No. 1, in order to protect vessels when rounding the Northern end of this Pier; for the purpose of berthing at the western face of this Pier or at the Bulkhead Wall now under construction.

To make room for the New Grain Elevator, one half of the Shed No. 22 had to be removed, this half was re-erected on the completed part of the Bulkhead Wall, and is now occupied as the Commissioners' Store.

Three deck scows of the following dimensions, viz: one 75 x 36, and two 57 x 29 feet were constructed during the early summer, these scows having been made use of for the transportation of materials between the docks, Indian Cove, Lampson's Cove and the Quarry.

In addition to the above, the following plant has been secured for general use:

Three Locomotives.

Three Locomotive Cranes.

One Barge, the "Daves".

One Motor Boat, the "Gossoon".

One Dredge, "The Fruhling Suction Dredge".

Under construction but not delivered,

Floating 50-Ton Crane.  
Barge for Crane.  
Floating Grain Elevator.  
Ladder Bucket Dredge.  
Six Steel Dump Scows.  
One Tow Boat.  
Ten Deck Scows.

A Contract for the supply of the Crane Barge on the above list has been awarded to Sir Wm. Arrol & Company.

A Contract for the Six Dump Scows has been awarded to the Polson Iron Works.

For the Ladder Dredge, to Wm. Simmons & Co, of Renfrew, Scotland.

For the Floating Grain Elevator and the Tow Boat to Smith's Dock Company, Limited, of Middlebrough, England.

The ten Deck Scows on the above list are now under construction departmentally.

The Motor Boat "Gossoon" which was seriously damaged by fire late in the season, is now being re-constructed at the Commission's Work Shops.

Six Floating Fenders 7 feet in diameter have been constructed for use along the western face of Pier No. 1.

One large and two small Passenger and seven Freight gangways have been built during the past season.

The planking in front of Sheds Nos 25 and 27 has been renewed, and filling supplied where required.



SINKING OF CRIB No. 1, (at the mouth of the River St. Charles





### *Car Ferry Terminals.*

All the old buildings, consisting of Nos 4, 5, 7, 8 and G. T. Railway Sheds and Offices on the site of these Terminals have been demolished, the ground levelled up, the Wellington and East India wharves repaired, some 7,000 lin. feet of track laid down; and two Structural Steel of Concrete freight sheds erected, the Grand Trunk and Intercolonial Railway Companies moved into the new building on October 27th last.

### *New Office Building.*

The foundations, concrete basement, drainage and water for this building were put in during the past winter by days work, the remainder of the building from street level up was given out by Contract, the walls, roof, floors and interior partitions are now completed, with the exception of the plastering and copper sheathing of roof.

The Department of the Interior have made use of the Landing Shed No. 27 during the past season, for the accommodation of the Immigration Service.

### *Fly Bank.*

To retain the filling materials taken from the St. Charles River dredging, a retaining wall of cribwork some 1400 feet in length, founded in 20 feet of water at Low Tide has been constructed at Lampson's Cove, and 798,000 cubic yards of material deposited in this locality.

Two new coal discharging towers have been installed on the Wet Dock Quay Wall of the Embankment, by the Nova Scotia Steel & Coal Company.

On July 1st last, the operation of the Commissioners' Railway lines was taken over by the Traffic Department.

The Cross Wall Draw Bridge was operated for the first time the past season on April 5th, and for the last time on December 15th.

The Water was retained in the Wet Dock for the first time for the season on April 19th, and for the last time on December 6th.

ST. GEORGE BOSWELL,  
*Chf Eng and Gen'l Supt.*

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BERTH 1000 FEET LONG, Shore side of Pier No. 1





Quebec, 1st February, 1914.

RAOUL RENÁULT, Esq.,  
*Secretary-Treasurer,*  
*Quebec Harbour Commissioners,*  
*Quebec.*

Sir,

I have the honor to submit the following with reference to the traffic of the St. Charles Docks and Wharves, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from the Docks during season 1913.

Inwards, 413 Vessels 1,997,111 Tons Register.

80,388	Tons	General Cargo.
6,782	"	Salt.
7,441	"	Bricks.
560	"	Cement.
2,378	"	Slag.
214	"	Drain Pipes.
610	"	Earthenware.
3,214	"	Salt.
283,486	"	Bituminous Coal
51,390	"	Anthracite Coal.
304	"	Coke.

Outwards, 135 Vessels, 596,743 Tons Register.

24,023	Tons	General Cargo.
1,045	“	Asbestos.
17,145	“	Pulp.
733	“	Cardboard.
23,327	P. S.	of Lumber.
6,052	Loads	of Lumber.

*Lower Port Steamers.*

Landed 1,000 Tons General.  
do 3,350 Tons Pulp.  
Shipped 5,172 Tons General.

*Grain Landed.*

Oats.....	891,024	Bushels
Corn.....	187,963	Bushels
Barley.....	4,700	Bushels
Wheat.....	10,500	Bushels

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Total 1,094,187

*Pulpwood Shipped*

7,500 Cords of Pulpwood.

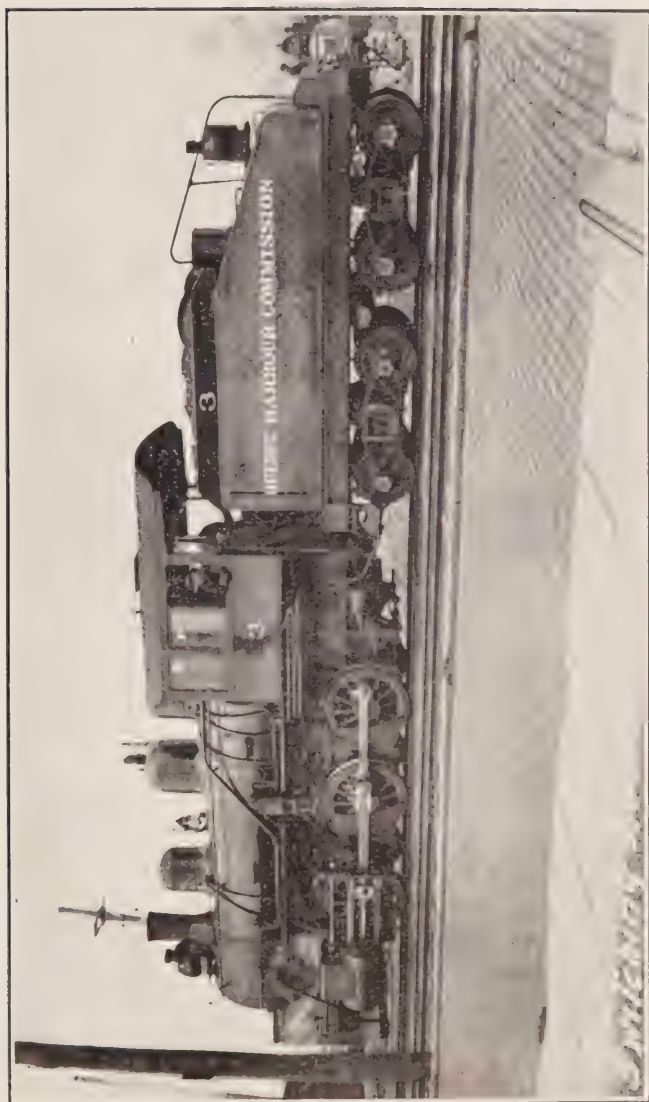
During past season the different Mail Steamers landed.

First Class Passengers.....	10,214
Second Class Passengers....	58,425
Third Class Passengers....	157,152

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Total 225,791

The second and third class passengers were forwarded to their future homes by the different railway companies.



ONE OF THE OTTAWA HARBOR COMMISSION'S SWITCHING LOCOMOTIVES



*Vessels Damaged and Using the Docks.*

SS. "*Lady of Gaspé*" collided with SS. "*Crown of Cordova*" off Three Rivers and received such heavy damage she had to be beached, after having been floated she came into the Louise Docks, discharged her cargo of damage flour etc., etc., which was sold by auction. After landing cargo went over to Levis where she was repaired.

SS. "*Whakatane*" having run into the wharf at Indian Cove and having received considerable damage came up to Louise Docks where she discharged part of her cargo. Went into the Dry Dock for repairs. After being repaired reshipped her cargo and proceeded to Montreal.

During the year spaces were rented at low rates for storage of coal landed which had to be removed from water front.

The Dominion Coal Company have 9,000 tons coal stored on the space rented to them.

The Nova Scotia Steel & Coal Company have 22,000 tons Coal stored on their space rented to them.

There are wintering in Louise Docks, lumber, coal, railway ties, etc., etc.

There are stored in the different freight sheds, salt, slag, pulp, etc., etc.

The Docks are occupied during the Winter months by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.

I have the honor to be,

Sir,

Your most obedient servant,

P. FLYNN,

*Wharfinger.*



RAOUL RENÀULT, Esq.,  
*Secretary-Treasurer,*  
*Harbour Commission,*  
*Quebec.*

Sir,

I have the honor to submit the following with reference to Harbour for the year 1913.

Navigation was open in the Harbour all winter, the ferry boats crossing the river and the Canadian Government Steamers "*Montcalm*" and "*Lady Grey*" in commission.

The ice formed at Cape Rouge on the 13th January at 6 A. M. and broke away at 9 P. M. the same day.

The ice bridge between the Island of Orleans and the mainland formed on the 14th of January.

Canadian Government SS. "*Montcalm*" left the Harbour for Lower St. Lawrence at 7 A. M. on the 14th January with passengers, etc., and returned on the 22nd January.

Ice Bridge formed at Cape Rouge on the 9th of February at 2 P. M. and broke away the same evening.

Canadian Government SS. "*Montcalm*" left the Harbour on the last March with passengers, etc., for Lower St. Lawrence and returned on the 6th April.

Canadian Government SS. "*Montcalm*" left the Harbour on the 19th March working up the river toward Three Rivers.

SS. "*Natashquan*" entered loading berth Louise Basin on the 26th March.



SINKING CRIB No. 2, (at the mouth of the River St. Charles)



SS. "*Natashquan*" left the Harbour for Lower St. Lawrence with passengers and freight on 1st April.

Ice broke up in Tidal Basin on the 7th April.

Small sailing craft arrived in the Harbour from Lower St. Lawrence parishes on the 4th April.

Sch. "*Floride*" arrived from Lower St. Lawrence on the 4th April.

Sch. "*Caron*" left the Harbour with a full cargo of freight for Lower St. Lawrence on the 8th of April.

SS. "*Natashquan*" arrived from Lower St. Lawrence with passengers and freight on the 10th April.

SS. "*Wacousta*" first coal steamer from sea on 14th April.

Ice in Wet Dock and Tidal Basin clear on the 15th April.

Lake and Batture ice passing down on the 17th April.

Tug "*Sin Mac*" arrived in the Harbour from Montreal on the 17th of April.

The ice in the St. Charles and North channel broke away on the 18th April.

SS. "*Wacousta*" left the Harbour on the 18th of April for Montreal.

SS. "*Sokoto*" with passengers and freight arrived in the Harbour on the 20th April.

Pontoons were placed in the Harbour on the 23rd April.

Canada SS. Lines Ltd., SS. "*Saguenay*" arrived from Montreal on the 23rd of April and returned the same evening.

Canada SS. Lines Ltd., SS. "*Tadousac*" left for Murray Bay on the 25th April.

SS. "*Teutonic*" first Royal Mail passenger steamer from Europe arrived in the Harbour on the 26th April.

French Warship "*Descarte*" arrived inwards on the 18th of July and passed outwards on the 20th inst.

July 27th SS. "*Lake Manitoba*" after being aground at the Island of Orleans moored at the Breakwater and after survey proceeded to Montreal.

July 23rd SS. "*Lady of Gaspé*" after being in collision near Three Rivers, entered Louise Basin and after discharging cargo proceeded to Dry Dock at Levis for Survey and repairs.

Sept. 14th SS. "*Whakatane*", New Zealand SS. Co., grounded at Indian Cove, after getting off she proceeded to Louise Basin discharged cargo and left for the Dry Dock at Levis for repairs, etc.

In addition to the routine work of the Harbour and Office seven hundred and thirty ocean sea going steamers have been berthed at Louise Docks, Breakwater and Point-à-Carey wharves.

One of the most important part of the work of the Harbour is the berthing of these vessels which is done at night time as well as in the day.

The limits of the clear water space (forbidden anchorage) where telephone and telegraph cables are laid across the river opposite the City are indicated by red lights at night and signboards in day time on both sides of the river. This space is 1,200 feet.

The last of the season Canada SS. Lines Ltd., SS. "*Tadousac*" arrived from Murray Bay on the 20th November.

Last Canada SS. Lines Ltd., SS. "*Quebec*" from Quebec to Montreal left on the 27th November.





CRIB CONSTRUCTION AT INDIAN COVE



Notices have been posted in suitable places warning parties from discharging rubbish of any kind into the Harbour Docks, etc., and every precaution is being taken to prevent any violation of the regulations of the Commissioners in that respect.

SS. "*Empress of Britain*" last Royal Mail & passenger steamer left the Harbour on the 27th November.

SS. "*Ruthenia*" last passenger and freight steamer left the Harbour for sea on the 30th November.

Prop. "*Carleton*" with coal cargo arrived in the Harbour on the 2nd December, after discharging cargo left on the 3rd for Montreal.

Prop. "*Calgary*" arrived down with cargo of grain on the last of December.

SS. "*Wacousta*" left Inner Basin on the 1st December for sea.

The Wet Dock and Tidal Basin are now taken up with a large number of steamers and other craft for the winter but space is reserved for any steamers that may come up during the early Spring.

Several small steamers and other small craft have taken up their winter quarters at Indian Cove.

Canadian Government SS. "*Lady Grey*" and "*Montcalm*" have taken their berths in the Louise Basin and Point-à-Carey wharf for their work during the winter.

Canadian Government SS. "*Montmagny*" left the Harbour on the 13th of December for Lower St. Lawrence and Halifax with passengers.

Up to the time of writing the ice bridge between the Island of Orleans and the Mainland had not formed.

Canadian Government SS. "*Champlain*" entered Louise Basin for the winter on December 30th.

I have the honor to be,

Sir,

Your obedient servant,

JAS. C. SULLIVAN,  
*Harbour Master.*

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Expenditure on Capital Account on Approved Estimates out of the Vote of Parliament under the "Quebec Harbour Advances Act, 1913".

Dredging .....	\$642,361.52
Quay Extension, River St. Charles.....	749,013.33
Grain Elevator .....	554,349.82
Car Ferry Terminals.....	116,380.75
Railway Yard .....	10,276.80
Floating Crane .....	24,174.15
Floating Fenders .....	3,794.10
Office Building .....	86,559.86
Dredging Plant .....	278,839.10
Cribwork at "Fly Bank".....	92,150.71
Elevator Dredge .....	19,009.73
Steel Dump Scows .....	36,000.00
	<hr/>
	\$2,612,909.87

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VIEW OF THE TIDAL HARBOUR





## GENERAL EXPENDITURE ON CAPITAL ACCOUNT

Railway Locomotives .....	\$37,114.04
Office Furniture .....	849.69
Improvements E. I. & G. T. Wharves.....	12,315.76
Locomotive Shed .....	3,035.31
Machine Shop .....	449.84
Indian Cove Improvements .....	1,348.80
Carpenter Shop .....	4,299.61
Roadway Pier No. 1.....	1,785.14
Protection Fenders Pier No. 1.....	11,932.97
Shed No. 16.....	1,706.19
Shed No. 18 .....	12,200.48
Shed No. 23 .....	291.78
Shed No. 24 .....	2,144.66
Deck Scows .....	8,218.13
Indian Cove Property .....	117,901.67
St. Nicholas Quarry ... ..	4,522.25
Sillery Quarry .....	3,500.00
Scale .....	191.99
Railway Bridge .....	3,660.00
Lumber .....	2,775.58
	<hr/>
	\$230,243.71
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COMPARATIVE STATEMENT OF THE QUEBEC HARBOUR COMMISSIONERS  
FOR TWO YEARS 1912 AND 1913

	1912	1913	DIFFERENCE	1913
Tonnage Dues .....	\$ 11,138.08	\$ 11,923.20	\$ 785.12	Increase
Import Dues .....	9,459.29	6,967.89	2,491.40	Decrease
Export Dues .....	4,160.46	2,781.81	1,375.65	"
Harbour Dues .....	4,006.12	3,981.94	24.18	"
Earnings, Docks, etc. ....	88,757.12	199,603.21	110,846.09	Increase
Beach and Deep Water Lots ..	1,560.40	1,111.97	448.43	Decrease
Interest .....	6,979.77	2,101.21	4,878.56	"
Sundries .....	70.15	97.50	27.35	Increase
Fines and Penalties .....	.....	3,763.00	3,763.00	"
	\$126,131.39	\$232,334.73	\$106,203.34	Increase

Quebec Harbour Commissioners' Office  
January 2nd. 1914

RAOUL RENAULT,  
Secretary-Treasurer.

# REVENUE

1913

Dec 31

To Harbour Dues .....	\$ 3,981.91
To Tonnage Dues .....	11,923.20
To Export Dues .....	2,784.81
To Import Dues .....	5,967.89
To Beach and Deep Water Lots.	
To Earnings, Docks, Wharves and Buildings .....	199,603.21
To Interest .....	2,101.21
To Fines and Penalties .....	3,763.00
To Sundries .....	97.50
	<u>\$232,331.73</u>

Quebec Harbour Commissioners' Office  
January, 2nd, 1914.

# EXPENDITURE

1913

Dec. 31

By Administrating Engineering Staff, Salaries and Fees .....	\$ 30,305.57
By Legal Expenditure .....	1,935.28
By Notarial Expenditure .....	190.88
By Miscellaneous expenses, print- ing, stationary, advertising, Harbour Master service, gene- ral labour, etc .....	10,687.09
By Property, expenditure, taxes, insurance, repairs, etc, and the maintenance of docks, wharves and stores .....	140,189.08
By Twelve months' interest on Bonds 62-63 Victoria, Chapter 34, and 6-7 Edward VII, Chap- ter 36 .....	46,000.00
By Surplus over over the working expenses .....	3,026.83
	<u>\$232,334.73</u>

RAOUL RENAULT,  
Secretary-Treasurer.

## ASSETS

St. Charles Dock and Wharves	\$5,640,716.22
Indian Cove Property.....	117,901.67
St. Nicholas Quarry.....	4,522.25
Sillery Quarry.....	3,500.00
	\$5,766,640.14
Beach and Deep Water Lots	
Capt. at Debt.....	24,094.28
Arrears of Int. June, 24/13...	230.12
Expert Engineering.....	
Beach Lot River St. Charles..	24,324.40
Plant and Tools.....	6,281.88
Materials on hand.....	561.54
Office Furniture.....	
Accounts receivable.....	679,901.80
Unsettled claims against	49,571.25
Dom. Government.	
Dept., of the Interior.....	351,437.32
Dept. of Marine & Fisheries.	314.25
Dept. of Public Works.....	55,781.96
Unearned Insurance.....	
Suspense %.....	407,533.53
Cash on hand.....	1,724.84
	5,360.19
	700.00
New constructions.	
New Offices.....	86,469.86
Dredging.....	642,361.52
Elevator No 2.....	554,349.82
Bulkhead.....	457,126.01

## LIABILITIES

Quebec Harbour Debentures..	\$3,612,802.42
Receiver General.....	43,380.00
Dominion Government secur-	
ing Dock Walls.....	541,393.26
Quebec Harbour Bonds 62-63	
Vic. Chap. 31.....	350,000.00
Interest accrued to Jan. 1st...	3,000.00
Quebec Harbour Bonds 6-7	
Edward VII Chap. 36.....	800,000.00
Quebec Harbour Debentures	
Series "A" 1913.....	2,083,000.00
Interest accrued to Jan 1st...	23,956.69
Accounts payable.....	
Beach and D. Water Lots....	320,671.51
La Banque Nationale.....	24,094.28
Union Bank of Canada.....	162,578.54
	123,645.47
Revaluation %.....	
Profit and Loss.....	286,224.01
	161,107.12
	666,717.59

Railway Yards.....	10,276.80
Floating Crane .....	24,174.15
Cribwork at Fly Bank.....	90,370 21
Steel Dump Scows, .....	36,000.00
Miscellaneous.....	71,618.94
	1,972,747.31
	8,915,346.88

8 915,346 88

The arrears of Interest due to the Finance Department on the old Debentures of the Dominion Government on outstandings claims are not included in this statement.

Quebec Harbour Commissioners' Office

Quebec, January 2nd., 1914.

RAOUL, RENAULT,  
Secretary-Treasurer.

We hereby certify that we have examined the statement of assets and liabilities of the Quebec Harbour Commissioners and we find the same in all particulars the true position of the Trust to the 31st December 1913, as per books and vouchers.

Quebec, February 13th. 1914.

(signed)  
J. LARUE  
RAWLIN AMY  
Auditors



MEMORANDUM showing the opening and closing of Navigation  
in the Port of Quebec from 1830 to 1913.

Year	First arrival of schooner from below	First steam from Montréal	First arrival from Sea	Last sailing for Sea
1830	.....	April 17	April 17	December 4
1831	.....	April 21	April 16	November 30
1832	.....	April 29	May 4	November 30
1833	.....	April 18	May 10	November 25
1834	.....	April 18	May 6	November 24
1835	.....	May 4	May 2	November 25
1836	.....	May 11	May 11	November 26
1837	.....	May 1	April 29	November 18
1838	.....	April 28	May 3	November 20
1839	.....	April 21	May 8	November 23
1840	.....	April 19	April 25	November 29
1841	.....	May 1	April 29	November 28
1842	.....	April 21	May 3	November 28
1843	.....	May 5	April 18	November 28
1844	.....	April 24	May 3	November 23
1845	.....	April 25	May 1	November 16
1846	.....	April 17	April 24	November 27
1847	.....	May 8	May 8	November 26
1848	.....	April 6	May 1	November 21
1849	.....	April 25	April 28	November 25
1850	.....	April 25	April 28	November 28
1851	.....	April 22	April 20	November 29
1852	.....	April 30	April 15	December 4
1853	.....	April 23	April 24	November 26
1854	.....	May 5	April 29	November 29
1855	.....	May 6	May 6	November 22
1856	.....	April 27	April 20	November 23
1857	.....	April 17	April 28	November 24
1858	.....	April 18	April 29	November 25
1859	.....	April 22	April 29	November 28
1860	.....	April 26	April 28	November 26
1861	.....	April 26	April 22	November 26
1862	.....	April 20	April 16	November 29
1863	.....	May 3	May 4	November 27
1864	.....	April 25	April 27	November 30
1865	.....	April 21	April 29	November 28
1866	.....	April 26	April 28	December 1
1867	.....	May 3	April 17	November 29
1868	.....	April 28	April 23	November 28
1869	.....	April 30	April 27	November 27
1870	.....	April 25	April 16	December 2
1871	.....	April 18	April 22	November 27
1872	.....	May 6	April 30	November 26
1873	.....	May 2	April 28	November 22
1874	.....	May 10	April 28	November 25
1875	.....	May 9	April 29	November 23

MEMORANDUM showing the opening and closing of Navigation  
in the Port of Quebec from 1830 to 1912. — (Continued.)

Year	First arrival of schooner from below	First steam from Montreal	First arrival from Sea	Last sailing for Sea
1876	.....	May 9	May 6	November 26
1877	.....	April 26	April 25	November 25
1878	.....	April 21	April 20	November 24
1879	.....	May 2	April 29	November 28
1880	April 30	April 30	April 30	November 27
1881	April 1	April 26	April 26	November 28
1882	April 22	April 28	April 22	December 2
1883	April 23	May 5	April 23	December 1
1884	April 29	April 29	May 1	December 8
1885	April 19	May 7	May 5	November 21
1886	April 24	April 27	April 29	
1887	April 14	May 3	April 29	November 28
1888	April 8	May 4	April 29	November 30
1889	April 1	April 22	April 26	November 27
1890	April 3	April 29	April 29	November 25
1891	March 29	April 27	April 27	November 30
1892	April 27	April 24	April 28	November 24
1893	April 1	May 6	April 20	November 24
1894	March 21	April 23	April 26	December 5
1895	April 4	April 28	April 26	November 28
1896	April 22	May 1	April 24	November 26
1897	April 7	April 25	April 29	November 27
1898	April 12	April 19	April 25	November 28
1899	April 5	May 3	April 22	November 30
1900	March 28	April 27	April 23	December 5
1901	April 2	April 27	April 20	November 27
1902	March 21	April 15	April 13	December 4
1903	March 20	April 19	April 18	December 6
1904	March 31	May 3	April 24	December 8
1905	March 25	April 26	May 2	November 24
1906	April 4	April 24	April 23	December 2
1907	April 4	May 2	April 26	November 25
1908	April 8	May 1	April 21	December 1
1909	April 4	April 25	April 21	December 3
1910	March 28	April 15	April 9	December 1
1911	April 9	April 30	April 27	December 8
1912	April 9	April 28	May 1	December 12
1913	April 4	April 23	April 26	December 13





ONE OF THE QUEBEC HARBOUR COMMISSIONERS'  
LOCOMOTIVE CRANES



## NOTES

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1883

One ice bridge formed before the City on February 2<sup>nd</sup>. and broke up on April 23<sup>rd</sup>.

1884

One ice bridge formed before the City during the night of the 15<sup>th</sup> and 16<sup>th</sup> of January, and stood until the 16<sup>th</sup> of the same month until 2 o'clock p. m.

Another ice bridge formed on January 20<sup>th</sup> and stood until April 19<sup>th</sup>.

In that year two considerable floods have occurred: the first on March 28<sup>th</sup> and the second on November 5<sup>th</sup>. In both cases the level of the St. Lawrence reached an average of between six and seven feet above the highest ordinary tides.

1885

Extraordinary low tides prevailed from February 15<sup>th</sup> to April 4<sup>th</sup>. In the Louise Basin, during that period, the average has given four feet lower than the usual low tides.

1886

On January 9<sup>th</sup>, an extraordinary high tide prevailed, the water having risen two feet higher than the ordinary flood tides.



1887

The SS. *Geetlands*, loaded with coal, from Sydney, Cape Breton, which had not been able to reach Quebec, in the fall of 1886, on account of the ice, and which wintered at Les Eboulements, Charlevoix County, arrived in Port the 2nd of April, at 1.30 p. m.

1889

An open boat, belonging to a Mr. Dufort, of Crane Island arrived in Port, with passengers, on the 16th of March, at 6.30 p. m.

1893

An ice bridge formed before the City on 4th March, and broke up on 19th April.

1897

The SS. *Polino* went up to Montreal on April 25th.

1898

An ice bridge formed before the City on 22nd January and broke up on 10th April.

1905

SS. *Polino* left for Newfoundland on April 12th.

1910

Passenger ferry *Mahone* arrived from River du Loup on the 25th of March.

SS. *General Wolfe* left for the Lower St. Lawrence with passengers and cargo on the 24th of March and returned on the 30th of same month.

SS. *General Wolfe* arrived from the Lower St. Lawrence on the 5th December, and SS. *Aranmore* and *Canada*, arrived on the 6th.

C. G. S. *Montmagny*, left for Halifax on the 9th of December.

1911

SS. *Aranmore* left for the Lower St. Lawrence on the 9th of April and returned on the 19th of the same month.

SS. *Savoy* left for Anticosti, St. Lawrence on the 15th of April and returned on the 22nd of the same month.

Steam Barge *Carleton* entered the Wet Dock, grain laden, on the 4th of December.

SS. *Bray Head* left for sea on December 8th.

Steam Barge *Carleton* left for Anticosti on the 13th of December, and returned on the 22nd of same month.

1912

SS. *Aranmore* and SS. *Natashquan*, left the Harbour for the Lower St. Lawrence on the 29th March, returning on the 6th April.

1913

SS. *Natashquan* left the Harbour for the Lower St. Lawrence on April 1st, returning on the 10th. The last vessel for sea was the D. G. S. *Montmagny*, which left for the Lower St. Lawrence and Halifax on the 13th of December.

RAOUL RENAULT,  
*Secretary-Treasurer.*

Levis, 19th February, 1914.

Tide Register for 1913 from a gauge at the Levis Dry Dock,  
the zero of which is level with the Dock Sill or 7.50 feet  
below-low-water Spring Tide.

January — Highest tide, 27.0 ft. on 23rd, at 7.0 p. m.  
Lowest tide, 6.7 ft. on 13th, at 5.15 p. m.  
West wind during 17 days.  
East wind during 11 days.  
North wind during 2 days.  
South wind during 1 day.

February — Highest tide, 27.1 ft. on 23rd, at 7.49 a. m.  
Lowest tide, 6.8 ft. on 10th, at 4.15 p. m.  
West wind during 20 days.  
East wind during 8 days.

March — Highest tide, 29.0 ft. on 26th, at 8.45 a. m.  
Lowest tide, 7.2 ft. on 8th, at 2.30 p. m.  
West wind during 20 days.  
East wind during 6 days.  
North wind during 3 days.  
South wind during 2 days.

April — Highest tide, 26.0 ft. on 19th, at 5.15 p. m.  
Lowest tide, 9.6 ft. on 10th, at 3.15 p. m.  
West wind during 11 days.  
East wind during 9 days.  
North wind during 3 days.  
South wind during 7 days.

May — Highest tide, 26.6 ft. on 20th, at 5.40 a. m.  
Lowest tide, 9.6 ft. on 4th, at 11.58 a. m.  
West wind during 13 days.  
East wind during 11 days.

North wind during 3 days.

South wind during 4 days.

June —      Highest tide, 26.0 ft. on 21st, at 7.52 a. m.  
Lowest tide, 8.8 ft. on 19th, at 2.30 p. m.  
West wind during 19 days.  
East wind during 5 days.  
North wind during 2 days.  
South wind during 3 days.

July —      Highest tide, 25.5 ft. on 19th, at 7.0 a. m.  
Lowest tide, 9.0 ft. on 17th, at 12.45 p. m.  
West wind during 19 days.  
East wind during 5 days.  
North wind during 2 days.  
South wind during 5 days.

August —   Highest tide, 25.3 ft. on 31st, at 6.30 a. m.  
Lowest tide, 8.6 ft. on 19th, at 3.30 p. m.  
West wind during 14 days.  
East wind during 6 days.  
North wind during 6 days.  
South wind during 5 days.

September — Highest tide, 24.5 ft. on 29th, at 5.28 a. m.  
Lowest tide, 7.6 ft. on 28th, at 12.30 p. m.  
West wind during 18 days.  
East wind during 8 days.  
North wind during 1 day.  
South wind during 3 days.

October —   Highest tide, 27.3 ft. on 30th, at 6.37 p. m.  
Lowest tide, 8.9 ft. on 28th, at 12.27 p. m.  
West wind during 7 days.

East wind during 19 days.

North wind during 2 days.

South wind during 3 days.

November — Highest tide, 26.0 ft. on 29th, at 7.0 p. m.

Lowest tide, 8.0 ft. on 18th, at 4.28 a. m.

West wind during 17 days.

East wind during 6 days.

North wind during 4 days.

South wind during 3 days.

December — Highest tide, 28.0 ft. on 26th, at 5.15 p. m.

Lowest tide, 7.8 ft. on 15th, at 2.45 p. m.

West wind during 17 days .

East wind during 6 days.

North wind during 4 days.

South wind during 4 days.

(Signed) ALFRED SAMSON,

*Supt. Levis Dry Dock.*

19th February, 1914.

Levis Dry Dock.

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# PORT OF QUEBEC

DESCRIPTION of the principal Merchandise exported from the Port of Quebec to the undermentioned Countries, during the last 40 years from 1874 to 1913 inclusive.

1	Great Britain	New Ships built and sold to, Timber, Pine red and white, Elm, Ash, Maple, Oak, Birch, &c. Deals pine and spruce, Planks and boards &c., Horned cattle, Sheep, &c., Asbestos, Wood, Pulp, Furs, Opium and leather, Cheese and eggs, Meats canned, Grain Wheat, Oats, &c.
2	United States	Lumber, Planks and boards, Laths, Palings and Pickets, Shooks box, Sleepers and Railroad ties, Wood manufactured, Horned cattle, sheep, &c., Maple sugar, Hair, Balsam, Asbestos, Wood Pulp, Cotton raw, Fruit berries, &c., &c.
3	France	Timber, Square, Pine red and white, Oak, Elm, Birch, Ash, Staves, Deals pine and spruce, Planks and boards, Wood manufactured, &c., &c.
4	St. John Newfoundland	New Ships built and sold to, Timber, Planks and boards, Staves, Pine and Spruce deals, masts and spars, &c. Flour, Biscuits, Pork, lard and butter, Leather, boots and shoes, &c.
5	British West Indies	New ships built and sold to, Lumber, Deals, pine and spruce, Shooks box, Grain hay, Leather and shoes, &c.
6	Germany	New ships built and sold to, Timber, Square red and white, &c. Bass Wood deals, Pine and spruce, Planks and boards, &c., &c., phosphates, &c., &c., Asbestos.
7	Holland	Timber, Square pine red and white, &c. Bass Wood, &c., Deals pine and spruce, Planks and boards, &c., &c.
8	Belgium	Timber, Square, Pine, red and white, Maple, Elm, &c., Masts and spars, Deals pine and spruce, Lath wood, Planks and boards, Bass-Wood, &c., Lobster &c., Salmon canned, Asbestos.
9	Spain	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, &c., Masts and spars, Staves, Deals spruce, Planks, boots and Joists, &c.
10	Portugal	Timber, Spruce, Pine red and white, Oak, Maple, Elm, Birch, Ash, &c., Bass Wood, Deals pine spruce, Planks and boards, Staves, Masts and spars, &c., butter, &c.
11	China	Cotton fabrics.
12	Norway	New Ships built and sold to, Timber, Square, Oak, Elm, &c., &c.
13	Spanish West Indies	Wood manufactured and agricultural products.
14	St. Pierre Miquelon	New ship built and sold to, Lumber, Planks and boards, Masts and spars, &c. Flour, Butter, Pork and lard, &c. Biscuits, tobacco and leathers, boots and shoes, &c.
15	British Australia	New Ship built and sold to, Lumber and boards, Pine deals and spruce, Staves, Laths, Palings and Pickets, Wood manufactured, Salmon and Lobster canned, &c.
16	British Africa	Lumber, Pine deals and spruce, Planks and boards, Laths, Palings, Staves, Wood manufactured, &c.
17	Brazil	Lumber, Pine deals and spruce, Planks and boards, Laths, Joists, Palings, Scantlings, Shooks box and manufactured, Biscuits.
18	British East India	New ships built and sold to.
19	Argentine Republic, S. Am.	New Ship built and sold to, Lumber, Planks and boards, Pine deals and spruce, Laths, Palings, Scantlings, Masts and spars, Shooks box, Wood manufactured, &c., Salmon and Lobsters canned, &c.
20	Uruguay, S. A.	Timber, Square, Pine, Planks and boards, Laths, Palings and Pickets, Joists, Masts and spars, Shooks box, wood manufactured, &c., Salmon and Lobsters canned, &c.
21	Pera, S. A.	Timber, Square, Oak, Pine deal and spruce, Planks and boards, Joists Scantlings, Laths, Palings and Pickets, Staves, Wood manufactured, &c.
22	Gibraltar	Timber, Square, Pine red and white, Oak, Elm, Masts, and spars, Pine deals and spruce, Planks and boards, Staves, Wood manufactured, &c.
23	Labrador	Lumber, Pine deals and spruce, Planks and boards, Staves, Wood manufactured, Salt pork, Lard, &c. Butter, Flour, Biscuits, leather boots and shoes, Tobacco, &c.
24	United States of Columbia	Lumber, Planks and boards and wood manufactured.
25	Pay-Sandu, S. A.	Lumber, Planks and boards, Laths, Palings and Pickets, Shooks box, &c.
26	Algeria	Timber, Square, Oak, Elm, Ash, Pine deals and spruce.
27	Chili	Lumber, Pine deals and spruce, Planks and boards, &c.
28	Danish West Indies	Lumber, Pine deals and spruce, Wood manufactured, Biscuits.

# PORT OF QUEBEC

## 40 YEARS OF TRADE

STATEMENT of the total value of imports and Exports of Merchandises in to and from this Port, during forty years from 1st January 1874 to 31st December 1913 showing the Countries whence Imported and to which Exported.

Nos	COUNTRIES	Imports from 1874 to 1913 inclusively 40 years		Exports from 1874 to 1913 inclusively 40 years		Total of imports and exports during the last 40 years	
1	Great Britain	126,592,785	266,795,701	393,388,486			
2	United States	85,026,496	13,455,029	98,484,525			
3	France	8,720,324	2,436,880	11,157,214			
4	Newfoundland	338,183	2,409,221	2,747,404			
5	British West Indies	5,208,838	36,850	5,245,684			
6	Germany	6,383,015	485,552	6,878,567			
7	Holland	3,356,735	345,944	3,702,679			
8	Belgium	2,210,845	018,594	3,129,439			
9	Spain	1,462,168	688,441	2,147,609			
10	Portugal	145,465	1,362,261	1,507,726			
11	China	389,605	909,525	1,396,130			
12	Norway	34,384	513,232	567,826			
13	Spanish West Indies	103,505	2,010	105,515			
14	St. Pierre Miquelon	40,647	568,516	609,163			
15	British Australia	24,676	615,961	640,637			
16	British Africa	371,288	310,600	881,888			
17	Brazil S. A.	55,001	241,855	294,856			
18	British East Indies	26,224	5,009	29,233			
19	Italy	410,299	60,092	470,391			
20	Japan	407,848	477,848	407,848			
21	Turkey in Asia	527,583		527,583			
22	Sicily	22,310		22,310			
23	Denmark	23,320	1,170	24,490			
24	Greece	55,851		55,851			
25	Austria	264,812	17,810	282,622			
26	Asia	24,281		24,281			
27	Switzerland	357,524	3,814	361,338			
28	Venezuela	2,174		2,174			
29	India Britania	51,229	3,938	55,167			
30	Siamyria in Asia	92,172		92,172			
31	Java	4,056		4,056			
32	Sweden	9,244	2,090	11,334			
33	Buenos Ayres	100,208	598,081	693,289			
34	Argentine Republic	55	1,174,100	1,174,155			
35	Uruguay	5,594	544,395	549,989			
36	Peru S. A.		277,175	277,175			
37	Gibraltar		120,147	120,147			
38	Labrador		91,680	91,680			
39	United States of Columbia		68,056	68,056			
40	Paysandu S. A.		25,229	25,229			
41	Algeria Africa		18,130	18,130			
42	Chili		13,211	13,211			
43	Danish West Indies		237	237			
44	Venezuela	15,015		15,015			
45	Porto Rico	194,250	2,769	197,019			
46	Mexico	1,218	226	1,544			
47	Malta Island		35,290	35,290			
48	Canary Island		26,446	26,446			
49	Rio Janeiro		43,836	43,836			
50	Russia	458,813	3,692	462,505			
51	Ceylon	227,843	235	228,078			
52	Bohemia	21,452		21,452			
53	Jamaica	2,556		2,556			
54	East Africa Portuguese		14,435	14,435			
55	Arabia	322		322			
56	Persia	117		117			
57	Cuba	10,197		10,197			
		243,943,733	265,293,475	539,237,208			

IMPORTS  
Total of Trade during 40 years \$243,943,733

EXPORTS  
\$295,293,475 Grand Total \$539,237,208  
Excess of Total Exports over Imports \$51,349,742

Compiled by J. A. BELLEAU of H. M. Customs

Compiled by C. Wm. G. WILSON, of H. M. Customs

# PORT OF QUEBEC.

Returns showing the opening of navigation at the Port of Quebec, in each year, from 1832 to 1913 inclusively; also the date of closing thereof during that period:

Returns of the Number and Tonnage of Sailing vessels entered Inwards and Outwards at this Port, from 1850 to 1913 inclusive

Years	Arrivals from Montreal Steamers			Sailed for Sea	INWARDS.			OUTWARDS.		
	Date	Arrivals from Sea	Date		Years	Tonnage	Vessels	Tonnage	Vessels	Tonnage.
1832	April 29	May 10	4 November 30	1850	1186	465804	1276	494021	1394	680083
1833	" 18	" 6	" 24	1851	1300	539427	1394	539427	1394	539427
1834	" 18	" 6	" 24	1852	1284	509153	1270	509153	1270	509153
1835	May 4	" 2	" 26	1853	1354	517558	1354	517558	1354	517558
1836	" 11	" 11	" 26	1854	1416	518926	1558	498558	1558	498558
1837	" 22	" 22	" 26	1855	1565	354302	877	408958	877	408958
1838	April 29	" 11	" 26	1856	1660	487063	1068	495857	1068	495857
1839	" 22	" 22	" 26	1857	1283	409444	1266	644252	1266	644252
1840	" 22	" 22	" 26	1858	1007	501653	1056	818075	1056	818075
1841	May 21	" 18	" 26	1859	1276	465804	1276	465804	1276	465804
1842	May 21	" 18	" 26	1860	1222	669258	1293	871187	1293	871187
1843	May 21	" 18	" 26	1861	1571	791712	1534	707123	1534	707123
1844	May 21	" 18	" 26	1862	1347	881795	1310	619165	1310	619165
1845	May 21	" 18	" 26	1863	1661	807647	1785	861268	1785	861268
1846	May 21	" 18	" 26	1864	1425	703987	1561	863537	1561	863537
1847	May 21	" 18	" 26	1865	1468	707643	1382	718650	1382	718650
1848	May 21	" 18	" 26	1866	1319	697643	1275	654213	1275	654213
1849	May 21	" 18	" 26	1867	1201	625484	927	710680	927	710680
1850	May 21	" 18	" 26	1868	910	628968	1090	728907	1090	728907
1851	May 21	" 18	" 26	1869	902	660087	1226	863232	1226	863232
1852	May 21	" 18	" 26	1870	1091	728907	958	767784	958	767784
1853	May 21	" 18	" 26	1871	1092	783316	940	737846	940	737846
1854	May 21	" 18	" 26	1872	917	734937	824	870458	824	870458
1855	May 21	" 18	" 26	1873	971	789443	824	870458	824	870458
1856	May 21	" 18	" 26	1874	971	789443	824	870458	824	870458
1857	May 21	" 18	" 26	1875	854	677316	824	870458	824	870458
1858	May 21	" 18	" 26	1876	854	677316	824	870458	824	870458
1859	May 21	" 18	" 26	1877	854	677316	824	870458	824	870458
1860	May 21	" 18	" 26	1878	854	677316	824	870458	824	870458
1861	May 21	" 18	" 26	1879	854	677316	824	870458	824	870458
1862	May 21	" 18	" 26	1880	854	677316	824	870458	824	870458
1863	May 21	" 18	" 26	1881	854	677316	824	870458	824	870458
1864	May 21	" 18	" 26	1882	854	677316	824	870458	824	870458
1865	May 21	" 18	" 26	1883	854	677316	824	870458	824	870458
1866	May 21	" 18	" 26	1884	854	677316	824	870458	824	870458
1867	May 21	" 18	" 26	1885	854	677316	824	870458	824	870458
1868	May 21	" 18	" 26	1886	854	677316	824	870458	824	870458
1869	May 21	" 18	" 26	1887	854	677316	824	870458	824	870458
1870	May 21	" 18	" 26	1888	854	677316	824	870458	824	870458
1871	May 21	" 18	" 26	1889	854	677316	824	870458	824	870458
1872	May 21	" 18	" 26	1890	854	677316	824	870458	824	870458
1873	May 21	" 18	" 26	1891	854	677316	824	870458	824	870458
1874	May 21	" 18	" 26	1892	854	677316	824	870458	824	870458
1875	May 21	" 18	" 26	1893	854	677316	824	870458	824	870458
1876	May 21	" 18	" 26	1894	854	677316	824	870458	824	870458
1877	May 21	" 18	" 26	1895	854	677316	824	870458	824	870458
1878	May 21	" 18	" 26	1896	854	677316	824	870458	824	870458
1879	May 21	" 18	" 26	1897	854	677316	824	870458	824	870458
1880	May 21	" 18	" 26	1898	854	677316	824	870458	824	870458
1881	May 21	" 18	" 26	1899	854	677316	824	870458	824	870458
1882	May 21	" 18	" 26	1900	854	677316	824	870458	824	870458
1883	May 21	" 18	" 26	1901	854	677316	824	870458	824	870458
1884	May 21	" 18	" 26	1902	854	677316	824	870458	824	870458
1885	May 21	" 18	" 26	1903	854	677316	824	870458	824	870458
1886	May 21	" 18	" 26	1904	854	677316	824	870458	824	870458
1887	May 21	" 18	" 26	1905	854	677316	824	870458	824	870458
1888	May 21	" 18	" 26	1906	854	677316	824	870458	824	870458
1889	May 21	" 18	" 26	1907	854	677316	824	870458	824	870458
1890	May 21	" 18	" 26	1908	854	677316	824	870458	824	870458
1891	May 21	" 18	" 26	1909	854	677316	824	870458	824	870458
1892	May 21	" 18	" 26	1910	854	677316	824	870458	824	870458
1893	May 21	" 18	" 26	1911	854	677316	824	870458	824	870458
1894	May 21	" 18	" 26	1912	854	677316	824	870458	824	870458
1895	May 21	" 18	" 26	1913	854	677316	824	870458	824	870458

\* Consideration.—All vessels trading to and from the Lower Provinces were up to this date included, but not since that year.  
 "The Canadian Pacific Royal Mail Steamers  
 "Empress of Britain," and "Empress of France," commenced trading from Quebec to Montreal, coasted at Sydney, and arrived at Quebec on the 9th inst., proceeded to Montreal on the 11th and reached that Port on the 13th inst.

Wm G. WILSON, of H. M. Customs.

# PORT OF QUEBEC

Compiled by WM G. WILSON, of H. M. CUTCHES

11th DECEMBER 1912 AND 1913.

1913.				1913				1912.				1913.			
Vessel.	Tonn.	Men.	Vessels.	Tonn.	Men.	Vessel.	Tonn.	Men.	Vessels.	Tonn.	Men.	Vessel.	Tonn.	Men.	
Total Vessels arrived...	391,776,374	56,990	430	183,328	63,350	Total Vessels Cleared ..	190	75,449	39,390	228	94,030	36,773			
Vessels with cargoes...	377,743,321	56,641	400	181,797	62,433	Vessels with Cargoes...	182	74,292	38,372	213	94,110	36,161			
do in ballast...	15,197,533	349	30	14,530	707	do in Ballast...	8	10,757	398	5	7,280	357			
Total...	393,760,974	56,990	430	183,328	63,350	Total...	190	75,449	39,390	228	94,030	36,773			
Number of Steamers...	365,758,798	66,721	369	178,878	63,800	Number of Steamers...	174	70,536	39,118	204	94,797	36,442			
do of sailing Vess.	27,476	569	38	354	480	do of Sailing Vessels...	16	4133	112	24	2033	1233			
Total...	393,776,374	66,990	430	183,328	64,350	Total...	190	75,449	39,390	228	94,930	36,773			
British Vessels...	353,166,514	54,705	370	170,165	59,593	British Vessels...	163	72,246	38,775	196	91,483	36,068			
Foreign Vessels...	39,610,560	2,285	60	12,770	3,747	Foreign Vessels...	27	3,193	914	32	3,187	599			
Total...	393,776,374	56,990	430	183,328	63,350	Total...	190	75,449	39,390	228	94,930	36,773			
UNDER WHEAT FLAG						UNDER WHEAT FLAG									
British Vessels...	353,166,514	54,705	370	170,165	59,593	British Vessels...	163	72,246	38,775	196	91,483	36,068			
French Vessels...	70	2818	18	3118	1344	French Vessels...	6	2571	590	5	2048	64			
United States Vessels...	7	724	82	917	917	United States Vessels...	12	2837	85	16	1614	96			
Norwegian Vessels...	3	2001	43	4350	81	Norwegian Vessels...	3	6918	95	8	9133	172			
Swedish Vessels...	5	18250	12	3445	948	Swedish Vessels...	1	165	14						
German Vessels...	1	974	11	2580	106	German Vessels...									
Russian Vessels...	11	4808	10	4423	481	Russian Vessels...									
Italian Vessels...						Italian Vessels...									
Danish Vessels...						Danish Vessels...	3	4921	96	3	3412	54			
Spanish Vessels...						Spanish Vessels...									
Austrian Vessels...						Austrian Vessels...									
Total...	393,776,374	56,990	430	183,328	63,350	Total...	190	75,449	39,390	228	94,930	36,773			
WHEAT ARRIVED						WHEAT COUNTRY									
United Kingdom...	282,519,951	59,83	280	148,853	51,651	United Kingdom...	140	70,709	37,912	166	80,144	35,048			
Newfoundland...	38	6350	43	11980	891	Newfoundland...	10	4415	154	27	6748	176			
Portugal...	4	9253	136	11842	450	Portugal...	18	9109	410	15	4919	990			
Spain...	3	6995	13	15487	457	Spain...									
Other States...						Other States...									
S. Pierre & Miquelon...	27	7368	2030	24	55733	France...	39	3184	745						
Holland...	2	112	39	331	331	S. Pierre & Miquelon...	7								
Holland...	16	6190	1041	2	15652	Belgium...	379								
Holland...	16	6190	1041	9	3413	Holland...	712								
Holland...	4	1344	397	12	3970	Norway...	931								
Norway...						Norway...									
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COMPARATIVE STATEMENT of Vessels entered Inwards and Outwards at the Port of Quebec, showing the number of Vessels, tonnage and Number of men employed, distinguishing the number of Vessels Entered and cleared at Outports, for the year 1907, 1908, 1909, 1910, 1911 and 1912.

## INWARDS

[illegible]

OUTWARDS.

[illegible]

# PORT OF QUEBEC

STATEMENT of the Quantity and Value of the Principal Merchandise Exported from this Port during the year ending 31st December 1913 showing the Countries to which Exported to Also a Comparative Statement of the Previous Year 1912.

Nos	ARTICLES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Germany	Belgium	Newfoundland	Holland	Switzerland	Norway	Portugal	Buenos Ayres	British India	Italy	Russia	Austria	Sweden	East Africa	Denmark	Uruguay	Nos	Total Exports 1912	Total Exports 1913
			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
1	Asbestos	Tons	2,054	42,397			42,397																	1	42,482	42,397
2	Animals	No	40	12,435		6,435				6,000														2	12,135	12,435
3	Apples	Brls	5,039	20,210	20,210																			3	12,135	20,210
4	Aluminum	\$	131,097	131,097																				4	127,950	131,097
5	Agricultural implements	\$	5,359	5,359																				5	80,800	5,359
6	Bacon Hams	Lbs	54,394	9,403	9,403																			6	120,712	9,403
7	Cheese	Lbs	815,810	116,278	116,278					65,946							8,973							7	13,418	116,278
8	Dry Cod fish	Cwt	29,543	107,141	31,812										410									8	81,102	107,141
9	Furs	\$	212,195	197,981			2,726	2,959	6,150	2,204	175													9	75,663	197,981
10	Flour of all kinds	Brls	7,639	47,500	30,269												2,856				14,435			10	3,532	47,500
11	Herrings pickled	Brls	25,800	25,800		25,800																		11	23,850	25,800
12	Hay	Tons	393	7,073	7,073																			12	27,270	7,073
13	Hides raw	\$		18	18																			13	314	18
14	Lobsters, Oysters	Lbs	342,166	124,552	600		120,740	3,212																14	231,237	124,552
15	Leather of all kinds	\$		51,726	51,726																			15	6,615	51,726
16	Pork, lard, beef, canned meats	Lbs		85,188	84,893				295															16	16,011	84,893
17	Rolled wheats, oats, oatmeal	Lbs	3,891,283	4,707,695	4,707,695																			17	3,347,713	4,707,695
18	Silver ingots	\$		430,164	430,164																			18	73,631	430,164
19	Salmon, fresh and preserved	Lbs	4,190,048	596,909	544,111	708	7,490	4,858	546	5,733	25,741	2,518	95			2,412	763	60	1,228			640		19	582,99	596,909
20	Other articles	\$		9,726	7,040																			20	1,879	7,040
21	Lumber, piece deals	Sd. Hund	2,359,584	589,306	550,014	38,976	316																	21	520,709	589,306
22	" spruce deals	"																						22	5,706	
23	" deals end	"																						23	16,011	163,611
24	" planks and boards	N°	6,732,995	163,614	45,171										97,764								24	26,806		
25	" spool wood	M. Feet		2,590	2,590																			25	12,051	2,590
26	" packing boxes in shooks	\$		98,901	1,042,788	448,621	554,667																	26	1,014,489	1,042,788
27	" wood pulp	Tons	58,076	450,889			39,500																	27	455,355	450,889
28	" pulp wood	Cords	96	1,931	1,931																			28	1,610	1,931
29	Square Timber Ash	Tons	3,950	59,336	54,601		2,985	1,750																29	3,795	54,601
30	" Birch	"	6,684	257,251	253,046		4,205																	30	258,573	253,046
31	" Elm	"		13,605	13,605																			31	151,936	13,605
32	" Maple	"		206,108	206,108																			32	881,688	206,108
33	" Oak	"	6,608	3,556																				33	2,674	3,556
34	" Red pine	"	139	269,692	265,617		2,985				1,090													34	2,674	265,617
35	" Pine white and waney	"	7,256	2,674																				35	2,674	2,674
36	" All other	"	85																					36	174,942	
37	Manufactures of wood of all kind	\$		174,942	174,055	884																		37	8,705,694	9,978,522
			9,978,522	8,397,318	1,078,359	223,344	13,074	6,696	79,886	27,006	2,518	95	410	97,764	2,412	12,592	60	1,228		14,435	640	20,679		8,705,694	9,978,522	

All goods exported by Land from this Port to Foreign Countries are not taken into account here, but at the port of Exit from Canada. The above figures therefore only show the Quantity and Value of goods exported by water. The value of the goods exported by Land is much more considerable than those exported by water.

Compiled by J.-A. BELLEAU, of H. M. CUSTOMS.



## PORT OF QUEBEC

STATEMENT of the Quantity and Value of Grain, Flour, Animals, and Provisions, etc. imported from United States in transitu to this Port and exported to Great Britain by Steamers during the Summer 1913.

### GREAT BRITAIN

ARTICLES	Unit of Quantity	Quantity		Value	
		1912	1913	1912	1913
				\$	\$
Lard.....	Lbs	3,551,670	3,540,469	333,715	354,026
Meats, Canned, etc.....	"	12,977,300	10,827,131	1,297,740	1,082,711
Oil of all kinds.....	Brls	630	911	6,157	9,100
Plums evaporated.....	Cases	3,241		6,482	
Tomatoes.....	"	4,585		11,580	
Wheat flour.....	Brls	5,458		21,570	
Lumber.....	\$			113,926	245,160
Salmon.....	Lbs		1,072,330		123,901
Other articles.....	\$			11,100	10,632
Hogs, Hairs.....	\$				3,467
Total increase.....				1,802,276	1,828,997
					26,721

## PORT OF QUEBEC

RECAPITULATION of the total exports for the year ending 31st December 1913. Showing the Countries to which exported; with a comparative Statement of the previous year 1912.

Nos	COUNTRIES	Value 1912	Value 1913	Decrease 1913	Increase 1913
		\$	\$	\$	\$
1	Great Britain.....	7,297,613	8,397,318		1,099,705
2	United States.....	1,014,786	1,078,359		63,573
3	France.....	307,838	223,344	84,494	
4	Germany.....	3,427	13,074		9,647
5	Belgium.....	147	6,696		6,549
6	Newfoundland.....	35,573	79,886		44,313
7	Holland.....	17	27,006		26,989
8	Switzerland.....	704	2,518		1,814
9	Norway.....		95		95
10	Portugal.....	6	410		404
11	Buenos-Ayres.....	4,120	97,764		93,644
12	British India.....	956	2,412		1,456
13	Italy.....	23,347	12,592	10,755	
14	Russia.....	44	60		16
15	Austria.....	44	1,228		1,184
16	Sweedon.....	30		30	
17	East Africa Portuguese.....	5,400	14,435		9,035
18	Denmark.....		646		646
19	Uruguay.....		20,079		20,079
20	Brazil.....	11,337		11,337	
21	British Africa.....	305		305	
	Total.....	8,705,694	9,978,522	106,921	1,379,749

Total increase..

1,272,828

# PORT OF QUEBEC

STATEMENT of the quantity and value of Merchandise imported into this port during the year ending 31st December 1913, showing the Countries whence imported. Also a comparative Statement of the previous year 1912.

ARTICLES	Unit of quantity	Total quantity	Total Value	Great Britain	United States	France	Germany	Holland	Belgium	Spain	Japan	China	Italy	Portugal	Norway	Turkey in Asia	Austria	Cuba	Switzerland	Denmark	Sweden	British India	Ceylon	Russia	Newfoundland	Bolivia	Cyprus	Jonica	British West Indies	Arabia	Peru	Buenos Ayres	British Africa	British East Indies	No.	Total imports 1912	Total imports 1913	
Animals of all kinds	No	2,063	23,025	16,909	6,116																													1	18,058	23,025		
Books and papers of all kinds	\$		144,711	23,285	45,673	49,179	13,270		11,708		10		204		134	58	37		362		701													2	134,482	144,711		
Buttons brushes, braces and combs	\$		29,913	4,500	22,323	1,404	1,106																											3	24,192	29,913		
Brass and copper manufactured or not	\$		98,020	10,937	65,471	18,059	2,744		399				410																					4	115,147	58,020		
Coal of all kinds	Tons	282,970	866,774	854	865,929																													5	590,397	866,774		
Comest portland	Bris	11,206	10,706	7,416	3,290																													6	20,002	10,706		
Coffee and chicory, green or roasted	Lbs	15,584	2,543	670	1,088																													7	22,195	2,543		
Carpets of all kinds	Yds	34,031	28,490	27,654	762		80																											8	22,378	28,490		
Cotton fabrics manufactured of all kinds	\$		782,204	581,210	156,225	10,623	11,912		2,992		56	36	377						785							511								9	732,638	782,204		
Drugs, dyes, chemicals, patent medicine, etc.	\$		29,533	9,947	14,746	10,682	102																											10	10,905	29,533		
Earthenware of all kinds	\$		117,910	85,561	21,600	2,890	5,855		285		201		138	1,410																				12	121,406	117,910		
Fancy goods, alabastors bands and toys	\$		59,400	11,801	21,474	3,862	21,515		301																									13	68,813	59,400		
Fruits of all kinds	\$		221,635	34,994	146,255	1,514		189		31,369			1,113																					14	908,890	702,734		
Furs of all kinds, dressed, undressed and manufactured	\$		702,734	151,561	259,984	57,264	204,111		356																									15	114,315	127,052		
Glass of all kinds lamps and window glass	\$		127,052	18,296	46,519	2,750	7,422		79	49,792																									16	29,400	41,513	
Gutta percha, India rubber manufactures of boots and clothing, etc.	\$		41,513	26,984	14,323	206																												17	47,110	123,741		
Grain of all kinds	Bush	229,099	123,741	1,201	44,589		61																											18	88,880	79,258		
Hats, caps and bonnets of all kinds	\$		79,258	64,661	4,883	1,896	2,733																											19	21,273	12,941		
Hops	Lbs	34,787	12,941	4,876			3,113																												20	396,972	222,322	
Hides, raw, salted, dry, etc.	\$		222,322	61,366	89,977	615	13,029	4,184	1,602						25,716	17,596																		21	2,083,996	2,241,744		
Iron and steel of all kinds manufactured or not	\$		2,241,744	452,030	1,481,491	2,644	254,098	6,650	42,229																										22	27,205	18,294	
Pig iron	Tons	1,228	18,294	12,933	5,361																														23	80,125	88,223	
Jewellery, watches, plated ware gold and silver manufactures of	\$		88,223	41,004	21,379	17,922	5,868																												24	481,969	340,684	
Leather of all kinds, boots and shoes	\$		340,684	112,955	224,093	1,192	2,334																												25	206,612	404,754	
Meats of all kinds	Lbs	4,361,255	404,754	134	404,476		144																												26	76,154	48,321	
Tobacco leaf, unmanufactured	Lbs	189,945	48,321	685	34,727	51																													27	371,200	794,308	
Lumber and timber	\$		794,308	777,757		17,151		4,423																											28	225,124	265,338	
Molasses and syrups of all kinds	Galls	1,056,852	265,338		32,784																														29	67,861	117,076	
Oils of all kinds	Galls	919,126	117,076	2,988	100,222	3,020																													30	78,478	40,677	
Oil cloth of all kinds	Yds	140,564	46,677	546																															31	24,558	33,650	
Seeds of all kinds	Lbs	564,834	33,650	663	32,784		203																												32	40,198	61,815	
Salt of all kinds in bulk and in bags	Tons	14,154	61,815	47,634	14,182																														33	160,657	122,462	
Silk and ribbons of all kinds manufactured or not	Lbs	60,963	122,462	1,854	11,013	21,717	2,716																												34	13,078	7,446	
Spices ground and unground	Galls	262,514	293,418	54,039	3,329	107,679	101	129,297																											35	272,880	293,418	
Spirits of all kinds, brandy, geneva, wha-ky, rhum, etc.	Lbs	3,705,635	102,559	47,594	3,573																														36	170,000	102,559	
Sugar of all kinds	Cwt	495,408	64,941	11,104	3,949																														37	133,458	64,941	
Tea of all kinds	Tons	2,342	21,031	4,326	16,705																														38	3,361	21,031	
Tin plates and tin in blocks, bars, etc.	Cwt	69,057	21,031	4,326	16,705																														39	127,915	54,196	
Wool of all kinds	Gals	508,671	448,866	13,008	33,760	12,051	358		447																										40	606,192	1,112,855	
Wood fabrics and manufactures of all kinds	\$		1,112,855																																	41	3,276,966	4,505,796
Raw cotton	Lbs	8,214,939	1,112,855																																	42	501	370
Settlers effects	\$		4,505,796	3,530,412	116,894	322,300	304,520		139,660																										43	1,647,966	1,370,385	
Silver manufactures	\$		3,530,412	116,894	322,300	304,520																													44	1,647,966	1,370,385	
Other articles	\$		1,370,385	377,498	733,010	87,792	7,003																															
Total			16,327,147	6,415,426	6,957,343	778,983	939,602	153,068	273,911	88,448	24,917	6,087	85,917	8,067	2,066	27,319	65,851	10,167	19,917	379	2,263	4,450	25,292	33,292	71	8,755	1,098	1,127	120,771	522	117,77,890	2,114,12,557	14,481	247,16	327,147			

Compiled by J. A. BELLEAU of H. M. Customs.

## PORT OF QUEBEC

Comparative statement showing the total value of merchandise imported and the duty collected in each month during the Calendar year 1913 compared with the same month of the previous year 1912.

MONTHS	Exports		Imports		Duty Collected	
	1912	1913	1912	1913	1912	1913
January			632,498	743,469	136,400.30	161,964.00
February			634,867	818,149	143,980.38	145,891.03
March			677,199	814,896	137,341.72	148,361.55
April			813,662	813,086	162,187.67	174,101.99
May	632,152	806,348	1,737,267	1,045,429	205,968.86	189,673.53
June	888,913	1,357,192	1,210,412	2,677,057	154,530.63	175,392.60
July	1,851,794	1,250,628	1,648,813	1,739,026	206,760.42	187,171.39
August	1,110,792	2,055,679	1,437,692	1,348,018	202,800.23	185,666.17
September	1,431,586	1,577,757	1,090,119	1,313,097	182,477.19	186,636.47
October	1,267,000	1,468,964	1,798,950	2,240,434	215,357.77	187,954.43
November	1,060,595	912,966	1,503,200	1,697,082	184,083.50	239,441.73
December	432,003	668,998	1,197,152	1,016,804	211,929.61	210,816.64
Total	8,705,694	9,978,522	14,381,237	16,327,447	2,143,818.28	2,163,071.53
	Increase .. 1,272,828		Increase 1,946,210		Increase .. 40,253.25	

## PORT OF QUEBEC

RECAPITULATION of the total imports for the year ending 31st December 1913. Showing the Countries whence imported: with a comparative Statement of the previous year 1912.

COUNTRIES	Value	Value	Decrease	Increase
	1912	1913	1913	1913
1 Great Britain	6,488,133	6,415,420	72,713	
2 United States	5,605,952	6,057,343		1,351,391
3 British West Indies	321,199	320,774	425	
4 France	639,115	778,983		139,868
5 Germany	602,594	939,602		337,008
6 Holland	164,443	153,068	11,375	
7 Belgium	93,305	273,911		180,606
8 Spain	68,450	68,448		9,908
9 Japan	27,156	24,917	2,239	
10 Newfoundland	2,224	54	2,170	
11 Italy	13,901	85,917		72,016
12 China	20,104	6,087	14,017	
13 Portugal	14,463	8,067	6,396	
14 Greece	3,490		3,490	
15 Turkey in Asia	20,951	27,319		6,368
16 Norway	5,754	2,066	3,688	
17 Austria	51,051	65,851		14,800
18 Cuba	7,134	10,197		3,063
19 Greece		1,998		1,998
20 Switzerland	23,134	19,917	3,217	
21 Sweden	2,992	2,293	699	
22 Bohemia	5,051	8,755		3,704
23 Denmark	2,575	379	2,196	
24 British India	16,297	4,350	11,947	
25 Ceylon	57,066	23,292	33,774	
26 Russia	134,146	34,292	99,854	
27 Jamaica	467	1,127		660
28 Arabia		322		322
29 Persia		117		117
30 Buenos Ayers		77,890		77,890
31 British Africa		2,114		2,114
32 British East Indies		12,577		12,577
Total	14,381,237	16,327,447	268,200	2,214,411





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QUEBEC HARBOUR  
COMMISSIONERS' REPORT

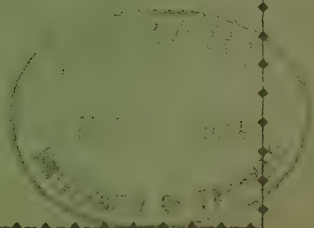
FOR THE YEAR 1915

Under The Quebec Harbour Commissioners' Act, 1899



QUEBEC

1915







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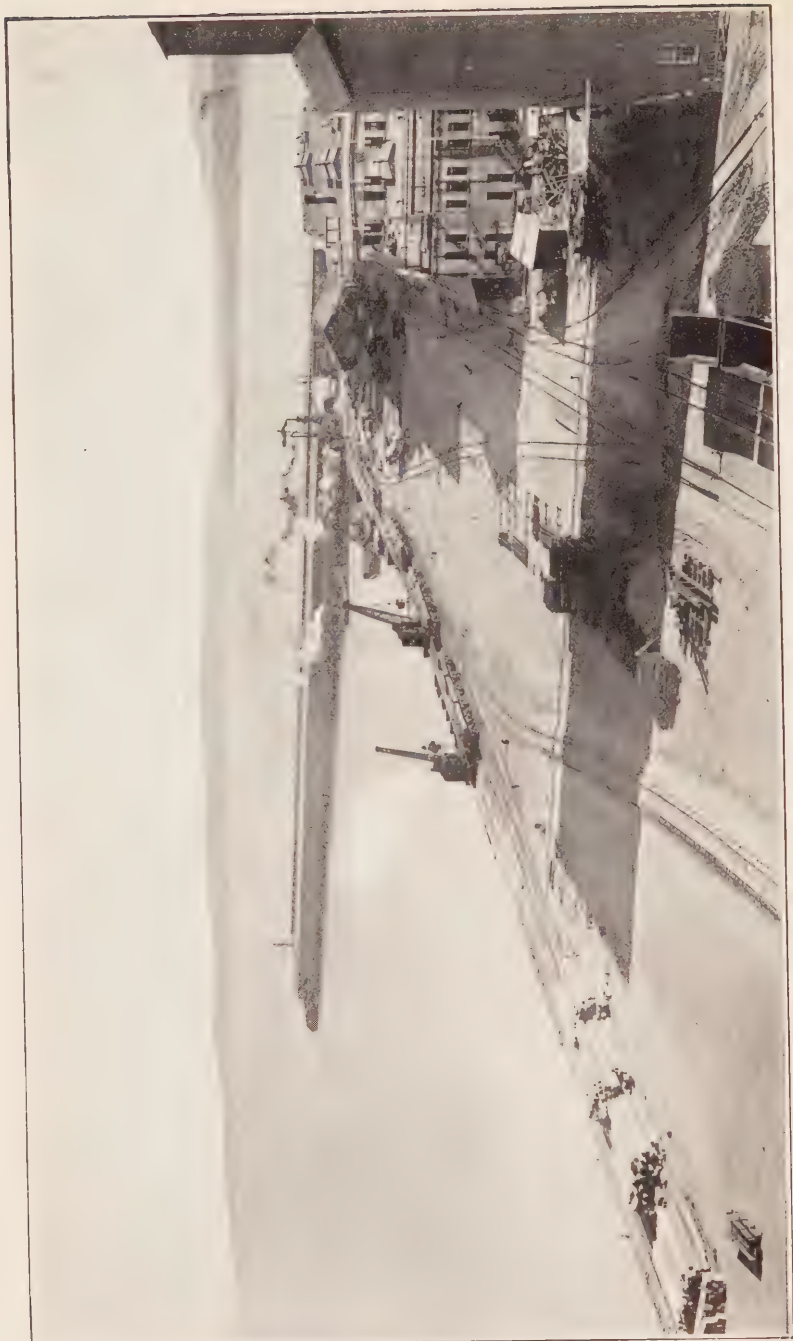
QUEBEC HARBOUR  
COMMISSIONERS' REPORT  
FOR THE YEAR 1915

Under The Quebec Harbour Commissioners' Act, 1899

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Northern Extension to Louise Embankment, looking East, 1915

# OFFICERS OF THE QUEBEC HARBOUR COMMISSION.

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## COMMISSIONERS

SIR WILLIAM PRICE. CHAIRMAN

J. B. E. LETELLIER,

A. S. GRAVEL.

.....*Secretary-Treasurer.*

---

ST-GEORGE BOSWELL, M, INST., C. E., *Chief Engineer  
and General Supt.*

---

W. V. TAYLOR, *General-Assistant Engineer,*

---

A. C. FELLOWS. *Assistant Engineer,*

---

T. J. ROBITAILLE, *Supt. of Construction,*

---

P. KERWIN. *Chief Clerk, Construction Dept.*

---

CAPT. JAMES A. MURRAY, *Harbour Master,*

---

CAPT. THOS. MCGOUGH, *Assistant Harbour Master,*

---

A. LETELLIER, *Wharfinger,*

---

P. FLYNN, *Ass't. Wharfinger,*

---

A. F. DION, *Traffic Manager,*

---

G. H. BOURDON, *Purchasing Agent.*

---

E. H. S. WOODSIDE, *Accountant.*

---

JOHN STAIN, *Cashier & Chief Clerk,*

---

E. GERARD HAMEL, *Assistant Secretary,*

---

W. A. MOUNTAIN, *Cost Clerk.*









Northern Extension of Louise Embankment under construction, 1915

## HARBOUR COMMISSIONERS' OFFICE

---

Quebec, January 2nd, 1916.

To the Honorable J. D. HAZEN, K. C., M. P.,  
Minister of Marine and Fisheries,

Ottawa.

Sir :

In compliance with Section 46, of "The Quebec Harbour Commissioners' Act, 1899", 62-63 Victoria, Chapter 34, I have the honor to submit the following Report of the operations of the Commission for the year ending December 31st, 1915.

The Commissioners have, during the past season, continued the work of constructing a New Dock Frontage along the Northern face of the present Louise Embankment; this frontage when completed, will afford accommodation to vessels drawing up to 35 feet, and at a small expense for dredging, may be made to take vessels drawing up to 40 feet. Ample fireproof landing sheds, with grain loading galleries, electric wharf cranes, and other modern appliances are to be installed on this frontage, so as to make it when complete, thoroughly up-to-date, and fitted out to reduce the cost of handling cargoes to the lowest possible figure.

To afford adequate protection to the Docks during the season of navigation, the Commissioners established a Police Force, and instituted a system of passes

for the purposes of controlling access to the Docks by the public.

During the past season, a large number of horses destined for France, have been shipped from the Louise Docks ; this business was developed owing to the fact that the facilities afforded here, were found to be better adapted for this purpose, than those to be obtained elsewhere.

Mr. Gravel, representing the Commissioners, attended conferences held by the Grain Commissioners, at Ottawa on April 1st., and in Montreal on September 7th, for the purpose of considering the best method to be employed for dealing with the overages and shortages of grain shipped by water.

The herewith accompanying Reports and Statements from the Chief Engineer, the Harbour Master, the Traffic Manager and Wharfinger, deal with the operations of the various Departments.

I have the honor to be,

Sir,

Your obedient servant,

WM. PRICE, *President.*

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Northern Extension to Louise Embankment, looking West, 1915

## HARBOUR ENGINEER'S OFFICE

---

Quebec, Jan. 2nd. 1916.

Sir. Wm. Price,  
Chairman,

Quebec Harbour Commission.  
Quebec.

Sir :—

I have the honor to submit the following, with reference to the various works of maintenance and improvement in the Harbour, carried out during the past season under the direction of the Board.

### *Quay Wall in River St-Charles.*

The construction of this deep water frontage, commonly known as the Bulkhead Wall has made good progress, six foundation blocks, making a length of 1,212 lin. feet, have been sunk and filled ready for receiving the Superstructure.

Of the Superstructure 1,162 lin. feet have been completed up to within 5 feet of coping level, and another 1,225 feet of Superstructure has been carried up to from Elevation 19 to Elevation 24 above Low Water or to coping level.

The total completed length of the Substructure of this Wall is now 2,843 feet and of the Superstructure 2,387 lin. feet; of this length 1,225 lin. feet is completed up to coping level, the balance 1,162 lin. ft. up to 5 feet below the finished level of the coping.



The space between this new Wall and the old North Wall of the Louise Embankment, has been filled in with materials taken from the dredging ; this filling has been brought up to the level of the present Louise Embankment, and has so far added about  $11\frac{1}{2}$  acres to the Quay surface of the Docks, some 969,728 cubic yards of filling, taken from the dredged materials, having been deposited between the new and old Walls this season.

The Dredges working in the River St.-Charles estuary, preparing the foundations for the Bulkhead Wall and the approach thereto, have removed 1,345,064 cubic yards of material during the past Season, between April 19th, and November 27th, at an average cost of 10-9-10th cents per cubic yard.

### *Indian Cove*

The work of constructing the Substructure blocks for the Bulkhead Wall was continued during the past Season in a satisfactory manner, the two blocks, partially constructed during the Season of 1914, and which were wintered at the Cove were completed, and three additional blocks constructed, making a total of five blocks equivalent to a length of 1,010 feet.

The Long Wharf where damaged by the S. S. "Whakatane," has been reconstructed to within two feet of coping level.

A set of Ways have been laid down on the beach to the West of the Long Wharf, by which the Commissioners' dump and deck scows can be taken from the water for the purpose of painting, caulking and making repairs.







Northern Extension to Louise Embankment. Placing foundations for Quay Wall

For fire protection, a pipe line connected with the Mill pump has been carried down the Long Wharf for its entire length.

### *Victoria Cove Quarry.*

The work of taking out stone at this Quarry for use in the construction of the Bulkhead Wall, etc., was begun early in the Spring ; from which date, up to the closing down of the work in the Autumn, 63,000 cubic yards of wharf stone have been furnished.

To form a protection to the scows while loading at the Quarry, a pier 120 feet long and 35 feet wide has been run out at right angles to the shore wharf, the effect of this pier has been to diminish the current, and afford a well protected basin, where the scows are in safety and are easily moved from place to place as required.

### GENERAL

*Floating Grain Elevator.*—This craft was tested for efficiency on the 17th of June, but did not come up to the requirements of the Contract, owing to certain required adjustments and alterations; the work of making these necessary alterations, etc., was not completed until September 23rd., on which date a test was made and the boat accepted by the Commissioners. Since the acceptance of the boat, electric lights have been installed and minor adjustments effected that will add to the efficiency of this craft.

*50 Ton Floating Crane.*—Electric deck and boom lights have been installed and the hull of the barge below low water has been scraped and painted.

The Crane was commandeered by the Naval Service Department on the 16th. of last November and was transported by them to Halifax where it is now at work.

*Grain Elevator.*—To handle Salvage Grain, an Elevator has been installed in connection with the dryer house.

*Dump Scows.*—Three of 300 and two of the 500 cubic yards Scows have been taken up on the slip at Indian Cove, and scraped and painted.

*Dredge No. 1.*—The galley and saloon on this dredge, having proved too small for the requirements of the crew, have been enlarged and now afford adequate room.

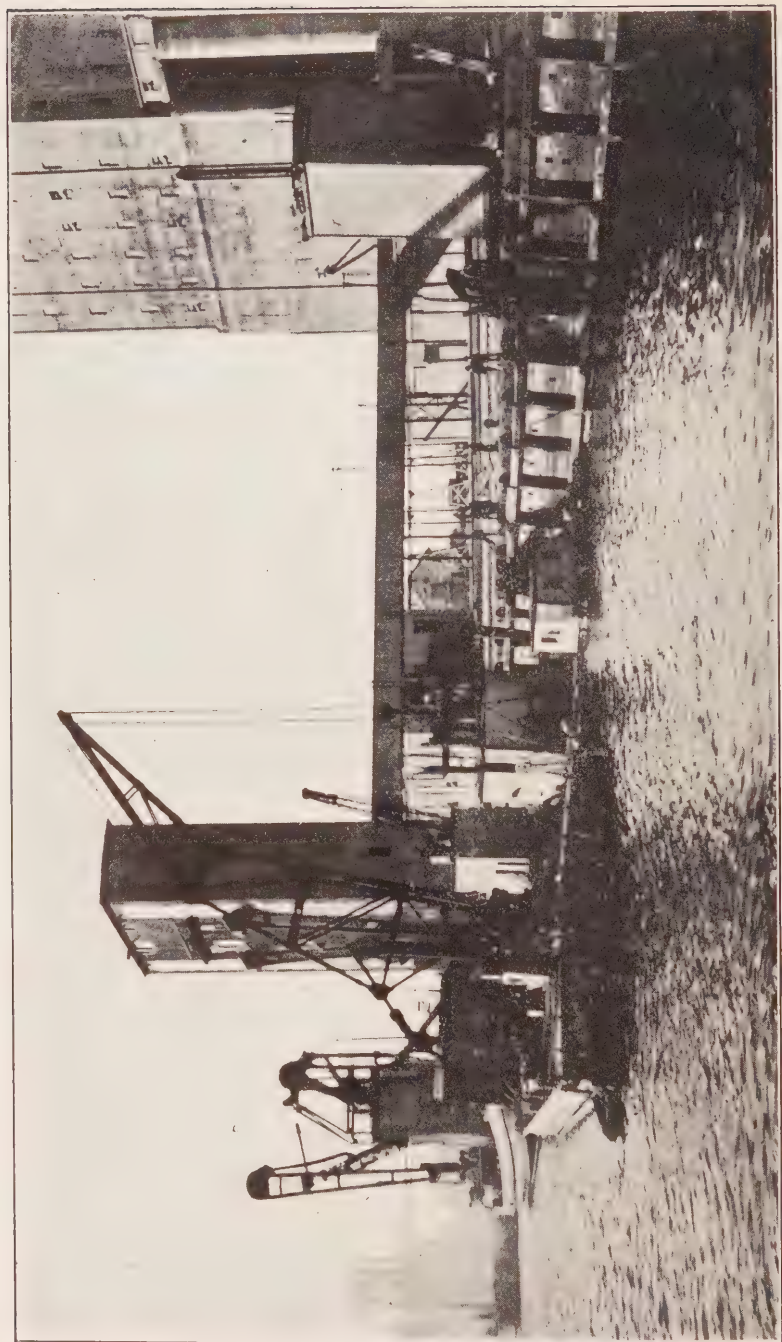
This vessel was placed in the Graving Dock for the Winter of 1914-15, where the damages to hull, sustained by her while at work at St. John N. B., were repaired; other repairs and removals required to put the dredge in first class condition for the Season of 1915, were also carried out and completed ready for the opening of Navigation.

This dredge has been again placed in the Graving Dock for the Winter of 1915-16, as it is necessary to overhaul the doors, suction arm, and other under water appliances, which can only be got at by docking the vessel.

The S.S. "Laval" was commandeered by the Department of Naval Service on July 20th., and was returned on November 26th.

An addition to the Commissioners' plant has been made by the purchase of 20 "Western" Dump Cars and one Spreader.





Q. H. C. 50 tons Floating Crane raising sunken grain barge



A railway line has been laid down along the Wet Dock front from the Cross Wall to the Marine Tower of Elevator No 2.

The four railway lines serving the Q. H. C. Elevator No 2 have been completed and connected with the Embankment railway system.

The Sheds 13-14 and one-half of Shed 20 have been painted. Shed No. 22 sheathed with galvanized iron, a new metallic roof placed on Shed No. 10; protection chain guard fences placed at the angles of the Quay Walls; and the Landing Sheds, roadways, tracks, etc., on the Embankment kept in a good state of repair.

The Slip between Marmette's Wharf and Store No. 11, has been closed by a Cribwork Retaining Wall, and the enclosed space filled in up to the street level.

The river face of the old Pointe-à-Carcy Wharf has been repaired, sheathed over, and put into good order.

On the 24th of October the SS. "Lady of Gaspé" sunk where she had been berthed at the Pontoon in the Custom House Pond; owing to this accident, the shed on the Pontoon was destroyed, and the Pontoon considerably damaged; the Pontoon has been taken over to Indian Cove, and there placed on a gridiron for repairs.

Plans are now being prepared for fireproof Landing Sheds and grain loading Galleries, to be installed on the new Dock frontage in the River St-Charles.

The Cross-Wall Draw-Bridge was operated for



the first time the past Season on April 9th, and for the last time on December 15th.

The water was retained in the Wet Dock for the first time of the Season on April 21st, and for the last time on December 6th.

I have the honor to be,

Sir,

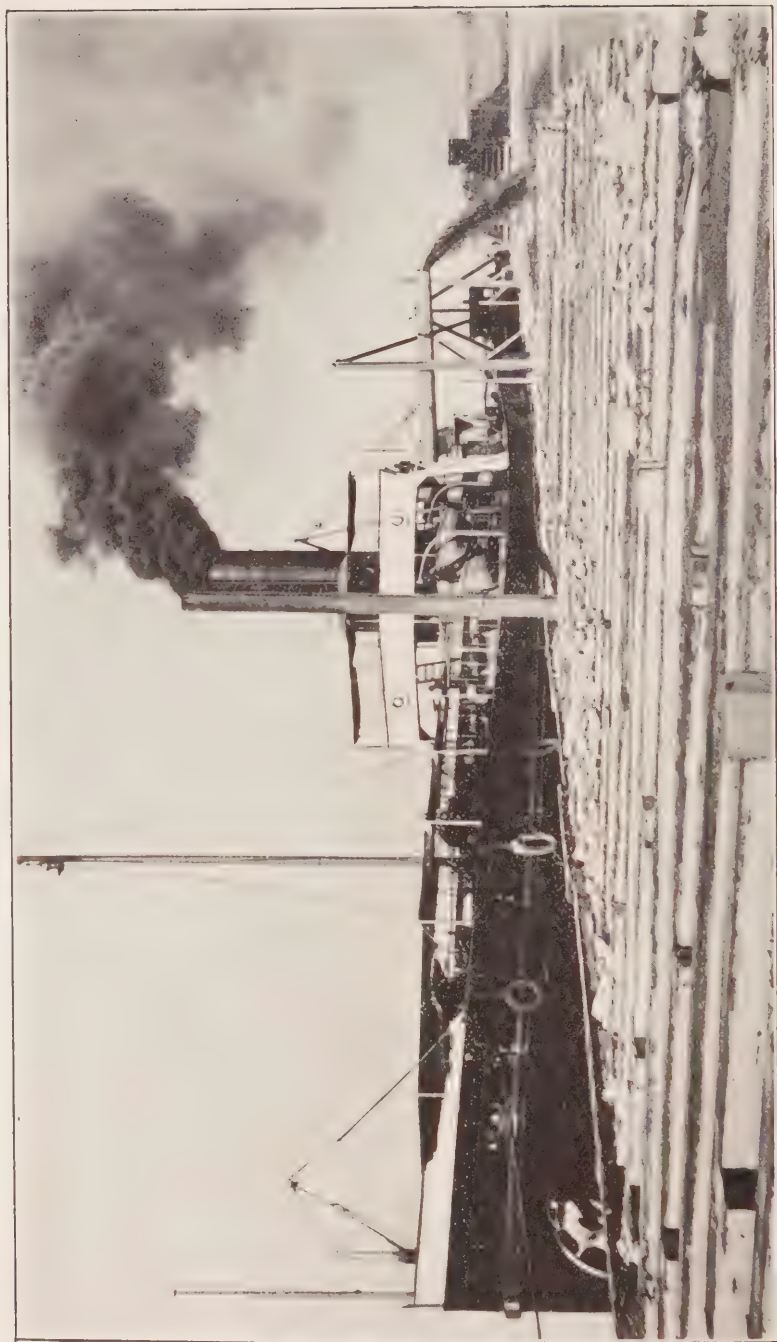
Your obedient servant,

ST. GEORGE BOSWELL.

Chief Eng. and Gen. Sup't.

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Q. H. C. Dredge No. 1, filling in behind Quay Wall, Northern Extension to Louise Embankment 1915

## HARBOUR COMMISSIONERS OF QUEBEC

---

### *Wharfinger's Report*

---

Quebec January 7th, 1916.

ST. GEORGE BOSWELL, Esq.,

Acting Secretary.

Quebec Harbour Commissioners.

Quebec.

Sir :

I have the honor to submit the following with reference to the traffic of the St-Charles Docks and Wharves, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from the Docks during season 1915.

### *Inwards 286 Vessels—839,815 tons Register.*

14,848 Tons	General Cargo.
8,078     “	Salt.
759       “	Drain Pipes and Earthenware
8         “	Cement.
4,852     “	Whiting.
2,815     “	Brick.
1,000     “	Phosphate.
36        “	Fire Clay.
290,297   “	Bituminous Coal.
21,781    “	Anthracite Coal.
502       “	Coke.

*Outwards 115 Vessels—395,687 Tons Register.*

998 Tons	General Cargo.
1,236    “	Asbestos.
27,963	P. S. Lumber.
9,199 Loads	Timber.
17,369	Horses.
3,362 Tons	Oil. (Fuel).
33       “	Paper.
845       “	Meat.
1,183     “	Flour.

*Lower Port Steamers.*

Landed	2.563 Tons	General Cargo.
Shipped	5.251 Tons	General Cargo.

*Grain landed at No. 2 Elevator.*

Oats.....	279,406	Bushels
Corn.....	68,290	“
Total.....	347,696	“

*During the past Season the different Mail Steamers landed:*

First Class passengers.....	172
Second Class passengers.....	6,954
Third Class passengers.....	9,596
Total.....	16,722

The Second and Third Class passengers were forwarded to their future homes by the different Railway Companies.





Q. H. C. Floating Crane (50 tons) 1915



*Vessels damaged and using the Docks.*

S.S. "Bengore Head" having collided with S.S. "Bastiscan" at Hare Island came to the Louise Docks, landed her general cargo, went over to Levis for repairs.

S.S. "Kansan" having collided with S. S. "Pretorian" at White Island, came to the Louise Docks where she was temporarily repaired. S.S. "Pretorian" returning to Montreal for repairs.

S.S. "Lady of Gaspé" went ashore at Québec Bridge and later sank in Custom House Pond, was raised, and landed her general cargo, and was taken to Levis for repairs. Left for Halifax on the 16th of December.

S.S. "Harmatris" having grounded below Cape à la Roche, came to the Louise Docks, landed her cargo of Oats and Hay, went to Levis for repairs.

The Dominion Coal Company have 10,000 tons of coal stored on the space rented to them.

The Nova Scotia Steel & Coal Company have 20,500 tons of coal on the space rented to them.

There are wintering on Louise Docks, lumber, coal, etc., etc.,

There are stored in the different freight sheds, salt, phosphate, etc., etc.

The Docks are occupied during winter months by a large number of vessels of various tonnages, where they find safe quarters until the opening of Navigation.

I have the honor to be,

Sir,

Your most obedient servant,

A. LETELLIER,

Wharfinger.

OFFICE OF THE HARBOUR MASTER

Quebec, Dec. 28th, 1915

ST. GEORGE BOSWELL, Esq.,  
Chf. Eng. & Gen. Supt'nt.  
Harbour Commission.  
Quebec.

Sir :

I have the honor to submit the following report for 1915.

The Government S.S. "Druid" left Winter Quarters March 23rd, to place Mark Buoys below Quebec.

March 25th, Ferry S.S. "Queen" opened service between the Island of Orleans and Quebec.

April 4th, the S.S. "Savoy" left for Anticosti.

April 9th, the Harbour Commissioners' Tug "Laval", carried out a series of successful ice breaking tests round the St-Charles Basin.

April 12th, the Traverse and White Island Light-ships left for their stations.

April 15th, the Government S.S. "Montcalm" came through from Montreal.

April 26th, Military Guard placed at the East and West entrances of the Dock and pass system adopted.

April 30th, the S.S. "Thespis" arrived from the United Kingdom and proceeded to Montreal.

May 1st, R. M. S. "Metagama" arrived from Liverpool.

June 8th, H. R. H. the Duke of Connaught visited the Docks.

July 19th, His Excellency The Lieutenant Go-

vernor of the Province of Quebec and Madam LeBlanc made a tour of the Harbour, and paid a visit to the Harbour Commissioners' Office.

December, 1st S.S. "Torr Head" left for Sea.

December 6th, The gates to the Inner Basin were left open for the Winter.

Dec. 7th, S.S. "Port Colbourne" sailed for the United Kingdom.

Dec. 13th, Loose ice on the river for the first occasion this year.

Dec. 14th, Vessels placed in Winter Quarters.

Ice forming in the Inner and Outer Basins.

The last vessel to leave Port being the S.S. "Lady" of Gaspé on December 16th for Halifax.

The mild weather in April cleared the River and Dock of all ice by the 15th, and all local and Gulf shipping was carried on without interruption after that date.

Owing to the restricted sailing of the various passenger services the decrease in tonnage is about 400,000 less than last year.

Shipments of horses were carried out very successfully from the berth at shed No. 27 during the Fall.

The Harbour Commissioners' Police have maintained a very efficient service over the dock property throughout the year.

The Signal Station the Commissioners erected on Pointe-à-Carcy wharf commands an all round view and messages can now be transmitted to vessels by Morse, Semaphore, or the International Code of Signals.

The weather conditions on the River during December, were such that Ocean steamers could have maintained service to Quebec till a later period than usual.

I am, Sir,

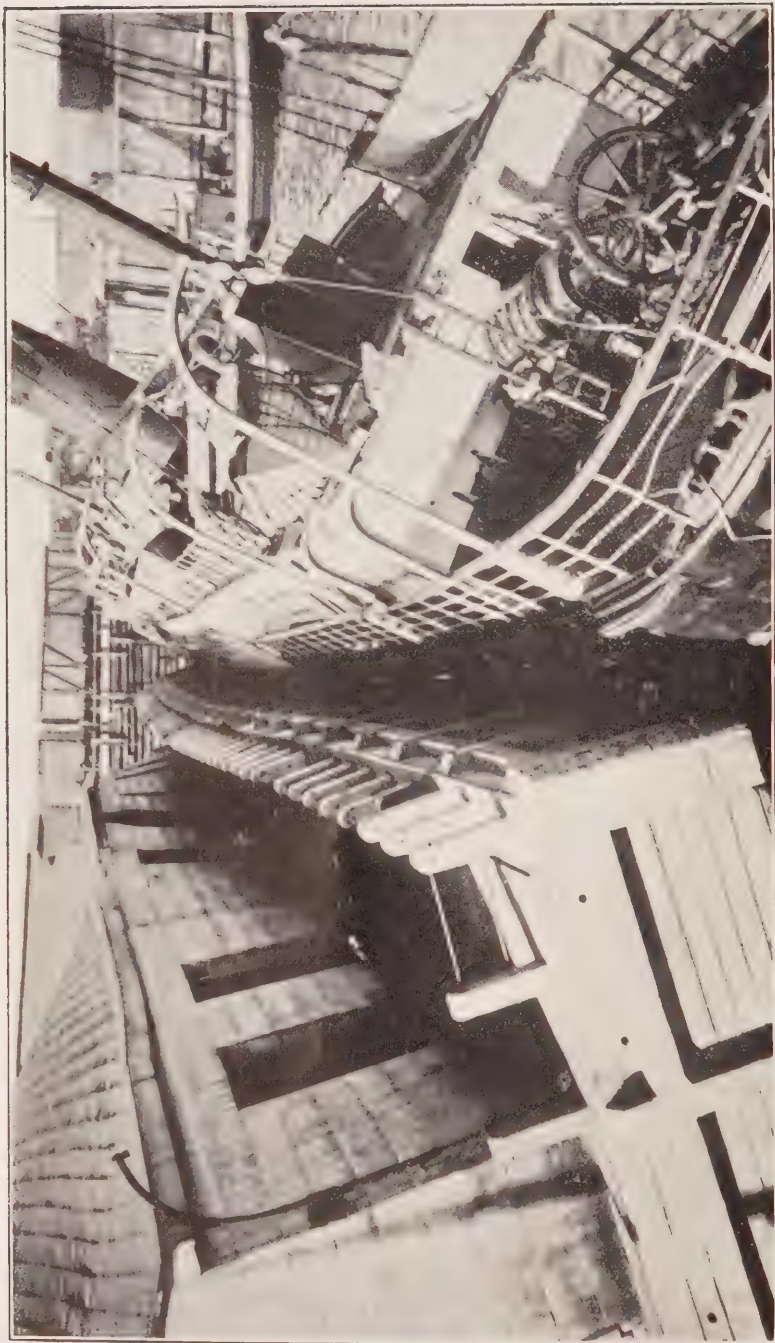
Your obedient servant,

JAS. A. MURRAY,

Harbour Master.

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View of "SS. Lady of Gaspé" after sinking at Commissioners' Pontoon, Oct. 1915

## HARBOUR COMMISSIONERS OF QUEBEC

---

### *Traffic Manager's Report*

---

Quebec, Dec. 31st. 1915.

ST. GEORGE BOSWELL, Esq.,  
Chief Eng. & General Supt'nt.  
Harbour Commission.  
Quebec.

Sir :

I beg to submit for the information of the Commissioners a report of the operation of the Traffic Department during the year 1915.

Total number of cars handled.....	55,665
Loaded cars received.....	17,654
Loaded cars forwarded....	17,325    34,979

---

Empty cars received.....	10,175
Empty cars forwarded....	10,511    20,686    55,665

---

Total number of cars handled by "Car Ferry" .....	22,427
--	--------

#### *Account Grand Trunk Ry*

Loaded cars received.....	3,781
Loaded cars forwarded.....	4,599    8,380

---

Empty cars received.....	2,193
Empty cars forwarded.....	1,956    4,149    12,529

---



*Account Intercolonial Ry:*

Loaded cars received.....	3,909		
Loaded cars forwarded....	3,181	7,090	
Empty cars received.....	647		
Empty cars forwarded....	772	1,419	8,509

*Account Quebec Central Ry:*

Loaded cars received.....	743		
Loaded cars forwarded....	377	1120	
Empty cars received.....	16		
Empty cars forwarded....	253	269	1,389
			22,427
Loaded cars interchanged..	7,150		
Passenger & Baggage cars.	2,554		
Cars of coal loaded.....	4,896		

The Commissioners' four Locomotives are being cared for by the staff in our shop.

Your obedient servant,

A. F. DION,

*Traffic Manager.*





View of "SS. Lady of Gaspé" after sinking at Commissioners' Pontoon, Oct. 1915

Expenditure on Capital Account on Approved Estimates out of the Vote of Parliament under "The Quebec Harbour Advances Act. 1913."

Dredging.....	146,595.83
Quay Extension River St-Charles.....	240,708.33
Grain Elevator.....	51,827.82
Auxiliary Floating Elevator.....	522.02
Car Ferry Terminals.....	3,762.71
Railway Yard.....	5,021.70
Lampson's Cove Terminals.....	4,994.21
Office Building.....	10,644.38
Indian Cove Property.....	4,375.19
General Plant & Equipment.....	44,917.37
General Improvements.....	37,821.91
	<hr/>
	\$ 551,191.47

Quebec Harbour Commissionets' Office  
Quebec, Jan. 3rd. 1916.

E. H. S. WOODSIDE,

ST. GEORGE BOSWELL,

*Accountant*

*Acting Secretary.*

GENERAL EXPENDITURE ON CAPITAL  
ACCOUNT.

Marmette's Wharf. ....	\$ 4,558.65
Indian Cove Improvements.....	2,060.07
Ways at Indian Cove.....	3,808.70
Pipe Line to Shed No. 27.....	618.09
Repairs to Wharf at Indian Cove.....	10,387.17
Move Salt Shed.....	2,524.35
Signal Mast.....	1,223.70
Boundary Fences.....	804.87
Office Furniture.....	631.10
	<hr/>
	\$ 26,616.70

Quebec Harbour Commissioners' office,  
Quebec, Jan. 3rd. 1916.

E. H. S. WOODSIDE,

*Accountant*

ST. GEORGE BOSWELL,

*Acting Secretary.*

COMPARATIVE STATEMENT OF THE QUEBEC HARBOUR COMMISSIONERS' REVENUE  
FOR TWO YEARS 1914-1915

	1914	1915	Difference.	1915
Tonnage Dues.....	\$ 10,239.77	\$ 13,366.42	\$ 3,126.65	Increase
Import Dues.....	3,568.69	2,169.99	1,398.70	Decrease.
Export Dues.....	2,401.63	2,455.96	54.33	Increase.
Harbour Dues.....	3,483.68	3,067.29	416.39	Decrease.
Earnings Docks {				
Wharves & Buildings.....	265,779.99	229,216.39	36,563.60	Decrease.
Beach & Deep Water Lots.....	1,280.59	1,280.59		
Interest.....	326.49	284.38	42.11	Decrease.
Sundries.....	113.55	31.75	81.80	Decrease.
	\$287,194.39	\$251,872.77	\$ 35,321.62	Decrease.

Quebec Harbour Commissioners' Office,  
Quebec, Jan, 3rd, 1916.

E. H. S. Woodside, *Accountant.*

St. GEORGE BOSWELL, *Acting Secretary.*

# QUEBEC HARBOUR COMMISSIONERS

REVENUE ACCOUNT FOR THE YEAR ENDED 31st DECEMBER, 1915

## REVENUE.

1915—Dec. 31st.	
To Tonnage Dues...	\$ 13,366.42
To Import Dues....	2,169.99
To Export Dues....	2,455.96
To Harbour Dues...	3,067.29
	<hr/>
To Earnings, Docks, Wharves, and Buildings.....	\$ 21,059.66
To Beach & Deep Water Lots...	229,216.39
To Interest.....	1,280.59
To Sundries.....	284.38
To Deficit in Year's Operations..	31.75
	<hr/>
	11,641.99

\$ 263,514.76

Quebec Harbour Commissioners' Office,  
January 3rd, 1916. Quebec.

E. H. S. WOODSIDE, Accountant.

## EXPENDITURE

1915—Dec. 31st.	
By Administration, Engineering Staff Salaries and Fees.....	\$ 36,490.50
By Legal and Notarial Expendi- ture.....	1,874.38
By Miscellaneous Expenses, Print- ing, Advertising, Harbour Mas- ter's Services, etc.....	9,641.56
By Property Expenditure, Taxes, Insurance, and the Maintenan- ce of Docks, Wharves and Sto- res.....	161,682.97
By Twelve Months' Interest on Bonds 62-63 Vic. Chap. 34, and 6-7 Edward VII Chap. 36.....	46,000.00
By Interest.....	7,825.35
	<hr/>
	\$ 263,514.76

ST. GEORGE BOSWELL  
Acting Secretary.



# QUEBEC HARBOUR COMMISSIONERS.

## STATEMENT OF ASSETS AND LIABILITIES AT 31st DECEMBER, 1915

### ASSETS.

St. Charles Docks and Wharves....\$	5,529,866.12
Indian Cove Property.....	121,818.29
Sillery Quarry.....	1,063.70
<b>\$</b>	<b>5,652,748.11</b>
Beach & Deep Water Lots (See Contra).....	24,094.28
Expert Engineering.....	6,281.88
Beach Lots River St-Charles.....	561.54
Plant & Tools.....	1,275 639.44
Materials on Hand.....	63,325.36
Office Furniture.....	8,448.03
Accounts Receivable.....	33,657.69
Unsettled claims against the Dominion Government : Depart. of Publics Works..	\$155,320.71
Department of the Interior....	351,437.32
Department of Marine and Fisheries .....	314.25
<b>\$</b>	<b>507,072.28</b>

### LIABILITIES

Quebec Harbour Debentures.....	\$3,612,802.42
Receiver General Dominion Government, securing Dock Walls :...:	43,380.00
<b>\$</b>	<b>541,393.26</b>
<b>\$</b>	<b>4,197,575.68</b>
Quebec Harbour Bonds (62-63Vic Chap. 34).....	\$ 350,000.00
Interest Accrued to 1st January, 1916.....	3,000.00
Quebec Harbour Bonds (6-7, Edward VII Chap 36).....	800,000.00
<b>\$</b>	<b>1,153,000.00</b>
Quebec Harbour Debentures Series "A".....	\$ 5,148,000.00
Lampson's Cove Capital Suspense Accounts Payable.....	250,000.00
Accrued Wages.....	6,679.89
	4,686.71

Unearned Insurance.....	1,902.66	Beach & Deep Water Lots (See Contra).....	24,094.28
Accrued Rentals.....	6,031.84	Surplus:	
Suspense Account :.....	1,871.74	Revaluation Acc. \$	161,107.12
Bills Receivable.....	3,837.28	Profit & Loss Acc	657,641.98
Cash on Hand and in Bank.....	177,040.51		\$ 818,749.1C
New Construction:			
Dredging:..... \$	977,570.01		
Bulkhead:.....	1,162,986.50		
Grain Elevator.....	912,450.24		
Car Ferry Terminals.....	124,467.65		
Railway Yards.....	18,138.61		
Office Building.....	166,823.34		
Lampson's Cove Terminals.....	381,118.67		
General Improvements.....	37,921.91		
Miscellaneous.....	58,796.09		
	<u>\$ 3,840,273.02</u>		
	\$11,602,785.66		<u>\$11,602,785.66</u>

The arrears of Interest on old Debentures of the Dominion Government have not been accrued or in any way incorporated in the above statement.

Interest on the Quebec Harbour Debentures Series "A" has been charged and paid to 1st July, 1915 only.  
ST. GEORGE BOSWELL, *Acting Secretary*.

I have the honor to report that I have examined the above Statement of Assets and Liabilities of the Quebec Harbour Commissioners at 31st December 1915, and I hereby certify that, subject to the above note of the Acting Secretary relating to interest on Debentures, it exhibits the true position of the Commission at that date, as shown by the books and information supplied to me.  
Quebec, 26th January, 1916.

J. LEONARD APEDAILLE, C. A., L. I. A. Auditor.

MEMORANDUM showing the opening and closing of Navigation in the Port of Quebec from 1830 to 1915

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last sailing for Sea
1830	.....	April 17	April 17	December 4
1831	.....	April 21	April 16	November 30
1832	.....	April 29	May 4	November 30
1833	.....	April 18	May 10	November 25
1834	.....	April 18	May 6	November 24
1835	.....	May 4	May 2	November 25
1836	.....	May 11	May 11	November 26
1837	.....	May 1	April 29	November 18
1838	.....	April 28	May 3	November 20
1839	.....	April 21	May 8	November 23
1840	.....	April 19	April 25	November 29
1841	.....	May 1	April 29	November 28
1842	.....	April 21	May 3	November 28
1843	.....	May 5	April 18	November 28
1844	.....	April 24	May 3	November 23
1845	.....	April 25	May 1	November 26
1846	.....	April 17	April 24	November 27
1847	.....	May 8	May 8	November 26
1848	.....	April 6	May 1	November 21
1849	.....	April 25	April 28	November 25
1850	.....	April 25	April 28	November 28
1851	.....	April 22	April 20	November 29
1852	.....	April 30	April 15	December 4
1853	.....	April 23	April 24	November 26
1854	.....	May 5	April 29	November 29
1855	.....	May 6	May 6	November 22
1856	.....	April 27	April 20	November 23
1857	.....	April 17	April 28	November 24
1858	.....	April 18	April 29	November 25
1859	.....	April 22	April 29	November 28
1860	.....	April 26	April 28	November 26
1861	.....	April 26	April 22	November 26
1862	.....	April 20	April 16	November 29
1863	.....	May 3	May 4	November 27
1864	.....	April 25	April 27	November 30
1865	.....	April 21	April 29	November 28
1866	.....	April 26	April 28	December 1
1867	.....	May 3	April 17	November 29
1868	.....	April 28	April 23	November 28
1869	.....	April 30	April 27	November 27
1870	.....	April 25	April 16	December 2
1871	.....	April 18	April 22	November 27
1872	.....	May 6	April 30	November 26
1873	.....	May 2	April 28	November 22
1874	.....	May 10	April 28	November 25
1875	.....	May 9	April 29	November 23
1876	.....	May 9	May 6	November 26
1877	.....	April 26	April 25	November 25

MEMORANDUM showing the opening and closing of Navigation in the Port of Quebec from 1830 to 1915.—(Continued).

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last sailing for Sea
1878	.....	April 21	April 20	November 24
1879	.....	May 2	April 29	November 28
1880	April 30	April 30	April 30	November 27
1881	April 1	April 26	April 26	November 28
1882	April 22	April 28	April 22	December 2
1883	April 23	May 5	April 23	December 1
1884	April 20	April 29	May 1	December 8
1885	April 19	May 7	May 5	November 21
1886	April 24	April 27	April 29	
1887	April 14	May 3	April 29	November 28
1888	April 8	May 4	April 29	November 30
1889	April 1	April 22	April 26	November 27
1890	April 3	April 29	April 29	November 25
1891	March 29	April 27	April 27	November 30
1892	April 27	April 24	April 28	November 24
1893	April 1	May 6	April 20	November 24
1894	March 21	April 23	April 26	December 5
1895	April 4	April 28	April 26	November 28
1896	April 22	May 1	April 24	November 26
1897	April 7	April 25	April 29	November 27
1898	April 12	April 19	April 25	November 28
1899	April 5	May 3	April 22	November 30
1900	March 28	April 27	April 23	December 5
1901	April 2	April 27	April 20	November 27
1902	March 21	April 15	April 13	December 4
1903	March 20	April 19	April 18	December 6
1904	March 31	May 3	April 24	December 8
1905	March 25	April 26	May 2	November 24
1906	April 4	April 24	April 23	December 12
1907	April 4	May 2	April 26	November 25
1908	April 8	May 1	April 21	December 1
1909	April 4	April 25	April 21	December 3
1910	March 28	April 15	April 9	December 1
1911	April 9	April 30	April 27	December 8
1912	April 9	April 28	May 1	December 12
1913	April 4	April 23	April 26	December 13
1914	April 3	May 1	April 28	December 4
1915	April 4	April 15	April 30	December 16





View of "SS, Lady of Gaspe" after sinking at Commissioners' Pontoon, Oct. 1915

NOTES.

1883

One ice bridge formed before the City on February 2nd, and broke up on April 23rd.

1884

One ice bridge formed before the City during the night of the 15th and 16th of January, and stood until the 16th of the same month until 2 o'clock p. m.

Another ice bridge formed on January 20th and stood until April 19th.

In that year two considerable floods have occurred : the first on March 28th and the second on November 5th. In both cases the level of the St. Lawrence reached an average of between six and seven feet above the highest ordinary tides.

1885

Extraordinary low tides prevailed from February 15th to April 4th. In the Louise Basin, during that period, the average has given four feet lower than the usual low tides.

1886

On January 9th, an extraordinary high tide prevailed, the water having risen two feet higher than the ordinary flood tides.



1887

The SS. *Geetlands*, loaded with coal, from Sydney, Cape Breton, which had not been able to reach Quebec, in the Fall of 1886, on account of the ice, and which wintered at Les Eboulements, Charlevoix County, arrived in Port the 2nd of April, at 1.30 p. m.

1889

An open boat, belonging to a Mr. Dufort, of Crane Island arrived in Port, with passengers, on the 16th of March, at 6.30 p. m.

1892

An ice bridge formed before the City on 4th March and broke up on 19th April.

1897

The SS. *Polino* went up to Montreal on April 21st.

1898

An ice bridge formed before the City on 22nd January and broke up on 10th April.

1905

SS. *Polino* left for Newfoundland on April 12th.

1910

Passenger ferry *Mahone* arrived from River du Loup on the 25th of March.

SS. *General Wolfe* left for the Lower St. Lawrence with passengers and cargo on the 24th of March and returned on the 30th of same month.

SS. *General Wolfe* arrived from the Lower St. Lawrence on the 5th December, and SS. *Aranmore* and *Canada*, arrived on the 6th.

C. G. S. *Montmagny*, left for Halifax on the 9th of December.

## 1911

SS. *Aranmore* left for the Lower St. Lawrence on the 9th of April and returned on the 19th of the same month.

SS. *Savoy* left for Anticosti on the 15th of April and returned on the 22nd of the same month.

Steam Barge *Carleton* entered the Wet Dock, grain laden, on the 4th of December.

SS. *Bray Head* left for sea on December 8th.

Steam Barge *Carleton* left for Anticosti on the 13th of December, and returned on the 22nd of same month.

## 1912

SS. *Aranmore* and SS. *Natashquan*, left the Harbour for the Lower St. Lawrence on the 29th March returning on the 6th April.

## 1913

SS. *Natashquan* left the Harbour for the Lower St. Lawrence on April 1st, returning on the 10th. The last vessel for sea was the C. G. S. *Montmagny*, which

left for the Lower St. Lawrence and Halifax on the 13th of December.

1914

SS. "*Savoy*" left the Harbour for Anticosti on April 2nd. The last ocean liner SS. "*Bengore Head*" left the Harbour for sea on December 4th.

1915

The SS. "*Savoy*" left for Anticosti on April 4th.

The first ocean arrival was the SS. "*Thespis*" on April 30th.

The SS. "*Port Colbourne*" was the last vessel to leave for the United Kingdom on December 7th.

ST. GEORGE BOSWELL,

*Acting Secretary.*

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DEPARTMENT OF PUBLIC WORKS, CANADA,  
DOCKMASTER'S OFFICE

Levis, 27th January, 1916.

Tide Register for 1915 from a gauge at the Levis Dry Dock, the zero of which is level with the Dock Sill, or 7.50 feet below low water Spring Tide.

January —Highest Tide 25.8 ft, on 16th, at 8.45 p. m.  
Lowest Tide 7.0 ft, on 15th, at 6.00 a. m.  
West wind during 17 days  
East Wind during 8 days.  
North Wind during 3 days.  
—South Wind during 3 days.

February —Highest Tide 25.6 ft, on 16th at 7.45 p. m.  
Lowest Tide 7.6 ft. on 15th, at 3.15 p. m.  
West Wind during 16 days  
East Wind during 11 days  
North Wind during 1 day.

March —Highest Tide 25.6 ft, on 2nd at 7.00 a. m.  
Lowest Tide 8.2 ft. on 4th, at 3.45 a. m.  
West Wind during 21 days.  
East Wind during 6 days.  
North Wind during 3 days,  
South Wind during 1 day.

April —Highest Tide 26.2ft on the 2nd at 9. a. m.  
Lowest tide 8.6 ft, on the 5th, at 5.45 p. m.  
West Wind during 11 days  
East Wind during 15 days  
North Wind during 3 days.  
South Wind during 1 day.

- May —Highest Tide 29.0 ft, on 1st at 7.15 a. m.  
Lowest Tide 8.9 ft, on 12th at 1.00 p. m.  
West Wind during 6 days,  
East Wind during 13 days.  
North Wind during 8 days.  
South Wind during 4 days.
- June. —Highest Tide 27.6 ft, on 27th t 5.47 a. m.  
Lowest Tide 8.8 ft, on 28th at 2.47 p. m.  
West Wind during 7 days.  
East Wind during 15 days,  
North Wind during 5 days,  
South Wind during 3 days.
- July —Highest Tide 26.0 ft, on 28th at 7.35 a. m.  
Lowest Tide 8.0 ft, on 26th at 2.00 p. m.  
West Wind during 14 days,  
East Wind during 11 days,  
North Wind during 4 days,  
South Wind during 2 days.
- August —Highest Tide 26.0 ft. on 25th, at 6.30 a. m.  
Lowest Tide 8.0 ft, on 27th, at 3.30 p. m.  
West Wind during 15 days,  
East Wind during 9 days,  
North Wind during 4 days,  
South Wind during 3 days.
- September—Highest Tide 27.3 ft, on 26th at 8.15 p. m.  
Lowest Tide 7.5 ft, on 23rd; at 1.45 p. m.  
West Wind during 18 days,  
East Wind during 9 days,  
North Wind during 2 days,  
South Wind during 1 day.

October —Highest Tide 24.9 ft, on 10th, at 7.15 p. m.  
Lowest Tide 7.8 ft. on 7th, at 6.15 p. m.  
West Wind during 17 days  
East Wind during 10 days,  
North Wind during 3 days  
South Wind during 1 day.

November—Highest Tide 26.9 ft, on 9th at 6.45 p. m.  
Lowest tide 8.0 ft, on 16th at 11.15 a. m.  
West Wind during 17 days,  
East Wind during 10 days  
North Wind during 2 days,  
South Wind during 1 day.

December—Highest Tide 28.0 ft, on 9th at 8.20 p. m.  
Lowest Tide 7.0 ft, on 20th, at 1.00 a. m.  
West Wind during 20 days.  
East Wind during 7 days,  
North Wind during 2 days.  
South Wind during 2 days.

ALF. SAMSON,

Sup't. Levis Dry Dock.

Levis Dry Dock,

January 27th, 1916.







Northern Extension to Louise Embankment. General view looking East. 1915



# PORT OF QUEBEC

DESCRIPTION of the principal Merchandise exported from the Port of Quebec to the undermentioned Countries, during the last 42 years from 1874 to 1915 inclusive.

1	Great Britain .....	New Ships built and sold to, Timber, Pine red and white, Elm, Ash, Maple, Oak, Birch, &c., Deals pine and spruce, Planks and boards, &c. Horned cattle, Sheep, &c. Asbestos, Wood, Pulp, Furs, Opium and Leather, Cheese and eggs, Meats canned, Grain, Wheat, Oats, &c.
2	United States ..	Lumber, Planks and boards, Laths, Palings and Pickets, Shooks box, Sleepers and Railroad ties, Wood manufactured, Horned cattle, Sheep, &c. Maple Sugar, Hair, Balsam, Asbestos Wood Pulp, Cotton raw, Fruit berries, &c., &c.
3	France ....	Timber, Square, Pine red and white, Oak, Elm, Birch, Ash, Staves, Deals pine and spruce, Planks and boards, Wood manufactured, &c., &c.
4	St. John Newfoundland	New Ships built and sold to, Lumber, Planks and boards, Staves, Pine and spruce deals, masts and spars, &c. Flour, Biscuits, Pork, lard and butter, Leather, boots and shoes, &c.
5	British West Indies ..	New ships built and sold to, Timber, pine and spruce, Deals, Shooks box, Grain, hay, Leather and shoes, &c.
6	Germany .....	New ships built and sold to, Timber red and white, &c., Bass-Wood deals, Pine and spruce, Planks and boards, &c., &c. phosphates, &c., &c., Asbestos.
7	Holland ..	Timber, Square, pine red and white, &c., Hickory, Bass-Wood, &c., Deals pine and spruce, Planks and boards, &c., &c.
8	Belgium .....	Timber, Square, Pine red and white, Maple, Elm, &c., Meats and spars, Deal pine and spruce, Lath wood, Planks and boards, Bass-Wood, &c., Lobster, &c., Salmon canned, Asbestos.
9	Spain	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, &c., Masts and spars, Staves, Deals spruce, Planks, boards and Joists, &c.
10	Portugal	Timber Square, Pine red and white, Oak, Maple, Elm, Birch, Ash, &c., Bass-Wood, Deal pine spruce, Planks and boards, Staves, Masts and spars, &c., butter, &c.
11	China ..	Cotton fabrics.
12	Norway ..	New Ship built and sold to, Timber, Square, Oak, Elm, &c., &c.
13	Spanish West Indies ..	Wood manufactured and agricultural products.
14	St. Pierre Miquelon ..	New Ships built and sold to, Lumber, Planks and boards, Masts and spars, &c., Flour, Butter, Pork and lard, &c., Biscuits, tobacco and leathers, boots and shoes, &c.
15	British Australia .....	New Ships built and sold to, Lumber and boards, Pine deals and spruce, Staves, Laths, Palings and Pickets, Wood manufactured, Salmon and Lobster canned, &c.
16	British Africa	Lumber Pine deals and spruce, Planks and boards, Laths, Palings, Staves, Wood manufactured, &c.
17	Brazil	Lumber, Pine deals and spruce, Planks and boards, Laths, Joists, Palings, Scantlings Shooks box and manufactured, Biscuits.
18	British East India .....	New ships built and sold to.
19	Argentine Republic, S. A. ..	New Ships built and sold to, Lumber Planks and boards, Pine deals and spruce, Laths, Palings, Scantlings, Masts and spars, Shooks box, Wood manufactured, &c., Salmon and Lobsters canned, &c.
20	Uruguay, S. A.	Timber, Square, Pine, Planks and boards, Laths, Palings and Pickets, Joists, Masts and spars Shooks box wood manufactured, &c., Salmon and Lobsters canned, &c.
21	Peru, S. A.	Timber Square, Oak Pine deal and spruce, Planks and boards, Joists Scantlings, Laths Palings and Pickets, Staves, Wood manufactured, &c.
22	Gibraltar	Timber, Square, Pine red and white, Oak, Elm, Masts and spars, Pine deals and spruce, Planks and boards, Staves, Wood manufactured, &c.
23	Labrador	Lumber, Pine deals and spruce, Planks and boards, Wood manufactured, Salt pork, Lard, &c., Butter, Flour, Biscuits, Leather boots and shoes, Tobacco, etc.
24	United States of Columbia	Lumber Planks and boards and wood manufactured.
25	Pay-Sandu, S. A. ....	Lumber, Planks and boards, Laths, Palings, Palings and Pickets, Shooks box, &c.
26	Algeria .....	Timber, Square, Oak, Elm, Ash, Pine deals and spruce.
27	Chili ..	Lumber, Pine deals and spruce, Planks and boards, &c.
28	Danish West Indies .....	Lumber, Pine deals and spruce, Wood manufactured, Biscuits.

# PORT OF QUEBEC

## 42 YEARS OF TRADE

STATEMENT of the total value of Imports and Exports of Merchandises in to and from this Port, during forty-two years from 1st January 1874 to 31st December 1915 showing the Countries whence Imported and to which Exported.

No.	COUNTRIES	Imports from 1874 to 1915 inclusively 42 years	Exports from 1874 to 1915 inclusively 42 years	Total of imports and exports during the last 42 years
1	Great Britain	132,424,766	274,987,050	407,411,816
2	United States	99,290,831	1,787,198	114,678,029
3	France	9,390,810	3,259,267	12,650,077
4	Newfoundland	376,892	2,500,898	2,877,790
5	British West Indies	5,742,563	36,850	5,779,413
6	Germany	6,599,740	487,474	7,087,214
7	Holland	8,673,443	345,944	3,919,387
8	Belgium	2,339,595	918,530	3,258,425
9	Spain	1,557,093	685,441	2,242,534
10	Portugal	162,109	1,362,261	1,524,370
11	China	407,598	960,525	1,368,123
12	Norway	64,740	579,541	644,281
13	Spanish West Indies	103,505	2,010	105,515
14	St. Pierre Miquelon	40,646	568,516	609,163
15	British Australia	35,551	667,428	702,979
16	British Africa	572,075	313,500	885,575
17	Brazil S. A.	60,518	241,855	302,373
18	British East Indies	24,224	5,009	29,233
19	Italy	445,584	62,894	508,478
20	Japan	458,290		458,290
21	Turkey in Asia	535,232		535,232
22	Sicily	22,310	8,029	30,339
23	Denmark	25,321		25,321
24	Greece	71,573		71,573
25	Austria	287,120	18,266	305,386
26	Asia	54,503		54,503
27	Switzerland	381,377	7,347	388,724
28	India Britania	52,984	3,938	56,922
29	Siamyina in Asia	92,172		92,172
30	Java	4,956		4,956
31	Sweden	43,098	2,160	45,258
32	Buenos-Ayres	100,208	593,081	693,289
33	Argentine Republic	55	1,174,100	1,174,155
34	Uruguay	5,594	544,395	549,989
35	Pera S. A.		277,175	177,175
36	Gibraltar		120,147	120,147
37	Labrador		91,680	91,680
38	United States of Columbia		68,056	68,056
39	Pay Sandu S. A.		25,229	25,229
40	Algeria, Africa		18,130	18,130
41	Chili		13,211	13,211
42	Danish West Indies		237	237
43	Venezuela	15,015		15,015
44	Porto Rico	104,250	2,769	107,119
45	Mexico	1,318	225	1,544
46	Malta Island		35,250	35,250
47	Canary Island		26,446	26,446
48	Rio Janeiro		43,836	43,836
49	Russia	458,813	3,692	462,505
50	Ceylon	288,543	235	288,778
51	Bohemia	23,628		23,628
52	Jamaica	5,251		5,251
53	East Africa Portuguese		22,132	22,132
54	Arabia	322		322
55	Persta	117		117
56	Cuba	20,369		20,369
57	Bulgaria	7,189		7,189
58	New Zealand		22,705	22,705
		266,271,892	306,495,003	572,766,895

Total of trade during 42 years

**IMPORTS** \$266,271,892 **EXPORTS** \$306,495,003 **Grand total** \$572,766,895  
**Excess on total Exports over Imports** \$40,223,311

Compiled by J. A. BELLEAU of H. M. Customs

# PORT OF QUEBEC

Compiled by W<sup>m</sup>. G WILSON, of H. M. CUSTOMS.

RETURN OF VESSELS OUTWARDS FOR THE YEARS  
ENDING 31ST DECEMBER 1914 AND 1915.

INWARDS.

	1910			1911			1912			1913			1914			1915		
	Vec	Tons	Men	Vec	Tons	Men	Vec	Tons	Men	Vec	Tons	Men	Vec	Tons	Men	Vec	Tons	Men
Port of Quebec.....	315	22,007	375	334	19,745	5,954	339	22,601	5,779	340	27,747	6,158	351	32,009	40,961	1,131	64,179	7,011
Outward to Louis.....	71	2,246	260	71	2,067	260	71	2,238	182	71	2,640	180	71	2,314	317	71	1,019	101
"    Chicoutimi Bay.....	8	112	24	4	74	27	4	246	102	4	1,284	185	10	1,770	233	14	2,552	149
"    St. Thomas.....	1	478	21	1	584	28	1	480	24	1	580	28	1	580	28	1	1,204	26
"    St. John's.....	1	694	17	1	1,117	18	1	1,117	18	1	1,117	18	1	1,117	18	1	1,117	18
"    St. Paul Bay.....	10	842	178	10	2,104	477	12	1,260	170	18	2,178	310	10	1,986	970	18	1,222	146
"    Trois-Petites.....	7	1,711	22	1	1,708	66	1	1,708	66	1	1,708	66	1	1,708	66	1	1,708	66
"    N. de la Loup.....	1	1,711	22	1	1,708	66	1	1,708	66	1	1,708	66	1	1,708	66	1	1,708	66
"    Les Escoumains.....	46	6,427	694	37	32,350	197	37	6,217	597	45	11,080	891	38	10,000	700	70	8,700	682
"    Bruders Bay.....	1	204	35	1	202	58	1	202	26	1	202	26	1	202	26	1	202	26
"    St. John's.....	1	690	20	1	690	20	1	793	23	1	1,803	26	1	1,803	26	1	1,803	26
"    English Bay, Ant.....	1	1,173	19	1	1,173	19	1	1,173	19	1	1,173	19	1	1,173	19	1	1,173	19
"    St. Marguerite's Bay.....	1	1,173	19	1	1,173	19	1	1,173	19	1	1,173	19	1	1,173	19	1	1,173	19
Grand Total for Quebec.....	397	18,697	399	401	16,586	5,403	399	21,704	6,069	430	28,548	6,450	365	14,930	484	1,131	64,179	7,011

[illegible]

WM. G. WILSON,  
of H. M. Customs.

# Compiled by Wm G. WILSON, of H. M. to S PORT OF QUEBEC.

Entered at the printing of navigators at  
111 St. Louis, Mo., 1893 to 1915  
1015 inclusively; also two dates of sailing thereof  
during that period :

Return of the Number and Tonnage of Sailing  
ships, Steamships, and Schooners as this  
Port, from 1850 to 1915.

Years	INWARDS.		OUTWARDS.	
	Vessels	Tonnage	Vessels	Tonnage
Date	Arrivals from Sea	Sailed for Sea	Years	Tonnage
1852	29 April	4 November	1850	1196
1853	18 May	25 May	1851	1300
1854	16 "	25 "	1852	1234
1855	18 "	25 "	1853	1351
1856	11 April	22 "	1854	1416
1857	11 "	22 "	1855	1502
1858	29 May	16 "	1856	1502
1859	29 May	16 "	1857	1502
1860	29 May	16 "	1858	1502
1861	29 May	16 "	1859	1502
1862	29 May	16 "	1860	1502
1863	29 May	16 "	1861	1502
1864	29 May	16 "	1862	1502
1865	29 May	16 "	1863	1502
1866	29 May	16 "	1864	1502
1867	29 May	16 "	1865	1502
1868	29 May	16 "	1866	1502
1869	29 May	16 "	1867	1502
1870	29 May	16 "	1868	1502
1871	29 May	16 "	1869	1502
1872	29 May	16 "	1870	1502
1873	29 May	16 "	1871	1502
1874	29 May	16 "	1872	1502
1875	29 May	16 "	1873	1502
1876	29 May	16 "	1874	1502
1877	29 May	16 "	1875	1502
1878	29 May	16 "	1876	1502
1879	29 May	16 "	1877	1502
1880	29 May	16 "	1878	1502
1881	29 May	16 "	1879	1502
1882	29 May	16 "	1880	1502
1883	29 May	16 "	1881	1502
1884	29 May	16 "	1882	1502
1885	29 May	16 "	1883	1502
1886	29 May	16 "	1884	1502
1887	29 May	16 "	1885	1502
1888	29 May	16 "	1886	1502
1889	29 May	16 "	1887	1502
1890	29 May	16 "	1888	1502
1891	29 May	16 "	1889	1502
1892	29 May	16 "	1890	1502
1893	29 May	16 "	1891	1502
1894	29 May	16 "	1892	1502
1895	29 May	16 "	1893	1502
1896	29 May	16 "	1894	1502
1897	29 May	16 "	1895	1502
1898	29 May	16 "	1896	1502
1899	29 May	16 "	1897	1502
1900	29 May	16 "	1898	1502
1901	29 May	16 "	1899	1502
1902	29 May	16 "	1900	1502
1903	29 May	16 "	1901	1502
1904	29 May	16 "	1902	1502
1905	29 May	16 "	1903	1502
1906	29 May	16 "	1904	1502
1907	29 May	16 "	1905	1502
1908	29 May	16 "	1906	1502
1909	29 May	16 "	1907	1502
1910	29 May	16 "	1908	1502
1911	29 May	16 "	1909	1502
1912	29 May	16 "	1910	1502
1913	29 May	16 "	1911	1502
1914	29 May	16 "	1912	1502
1915	29 May	16 "	1913	1502

Quebec, 31st, December 1915.

Wm G. WILSON, of H. M. CROWN.

# PORT OF QUEBEC

STATEMENT of the quantity and value of Merchandise imported into this port during the year ending 31st December 1915, showing the Countries whence imported. Also a comparative Statement of the previous year 1914.

Nos.	MERCHANDISE	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Germany	Holland	Belgium	Spain	Japan	China	Italy	Portugal	Norway	Australia	Bolivia	Cuba	Switzerland	Denmark	Sweden	British India	Ceylon	Newfoundland	Island	Guinea	Jamaica	British West Indies	Nos.	Total Imports 1914	Total Imports 1915
			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1	Animals of all kinds	No	322	20,409	14,236	6,173																								1	10,901	20,409
2	Books and papers of all kinds	Doz		145,684	11,837	98,086	35,035																							2	141,471	145,684
3	Buttons, brushes, braces and comb	Doz		23,024	941	21,641							281	161							601		125							3	22,697	23,024
4	Brass and copper manufactured or not	Doz		314,181	2,976	300,013	11,192																							4	156,169	314,181
5	Coal of all kinds	Tons	296,609	633,034	647	633,287																								5	821,624	633,934
6	Cement (Portland)	Bags	160	136		136																								6	2,341	136
7	Coffee, green or roasted	Lbs	67,832	8,108	15,390	211																								7	17,349	8,108
8	Carpets of all kinds	Yds	25,294	15,601	15,390	211			142												11 178			61			7 17			8	633,224	604,297
9	Cotton fabrics manufactured of all kinds	Yds		604,297	402,448	185,618	3,731																							9	34,973	105,132
10	Drugs, dyes, chemical, patent medicines, etc	Doz		105,132	13,430	85,001	6,702																							10	179,228	93,525
11	Earthenware of all kinds	Doz		93,525	53,586	35,269	1,209		36																					11	51,742	22,640
12	Fancy goods and toys	Doz		22,640	3,210	19,162	228																							12	284,478	210,802
13	Fruits of all kinds	Doz		210,802	12,165	185,284	2,172						7,418																	13	287,585	204,775
14	Furs of all kinds, dressed, raw and manufactured	Doz		204,775	21,879	163,666	18,675																							14	113,872	88,279
15	Glass of all kinds	Doz		88,279	16,350	81,524	300																							15	32,348	27,623
16	Gutta percha, India rubber manufactures of boots and clothing, etc	Doz		27,623	9,956	17,667																								16	231,064	123,080
17	Grain of all kinds	Doz	196,896	123,080	123,080																									17	78,572	49,254
18	Hats, caps and bonnets of all kinds	Doz		49,254	40,488	5,313	976																							18	18,919	4,631
19	Hops	Lbs	28,467	4,631	2,018	2,613																								19	280,719	169,101
20	Hides, raw, salted and dry	Doz		169,101	31,022	100,540																								20	1,772,413	2,735,111
21	Iron and steel of all kinds, manufactured or not	Doz		2,735,111	189,755	2,344,312	2,200																							21	4,401	4,253
22	Pig iron	Tons	275	4,253	16,720	28,405	4,603																							22	67,742	50,116
23	Jewellery, plated ware gold and silver	Doz		305,666	14,610	289,088	1,068																							23	264,323	305,666
24	Leather of all kind mfg and boots and shoes	Doz		2,717,445	242,073	69	242,013																							24	115,267	115,267
25	Meats of all kinds	Lbs		546,564	140,581	135,109																								25	731,262	546,564
26	Tobacco leaf, unmanufactured	Lbs		462,483	462,483																									26	278,810	462,483
27	Lumber and timber	Doz		686,291	177,727																									27	88,831	177,727
28	Molasses and syrups of all kinds	Gals		926,304	84,950	3,699	78,686	1,850																						28	35,715	68,931
29	Oils of all kinds	Lbs		75,902	21,940	21,940	416																							29	102,797	92,797
30	Oil cloth of all kinds	Lbs		827,862	86,886	1,608	84,629	649																						30	120,591	82,862
31	Seeds of all kinds	Tons		190,140	103,162	16,178																								31	106,227	120,140
32	Salt of all kinds	Lbs		58,391	64,896	17,728	11,344																							32	7,355	58,391
33	Silk and ribbons of all kinds, manufactured or not	Doz		11,708	4,795	922																								33	282,909	11,708
34	Spices, ground and unground	Lbs		119,928	183,012	48,335	117																							34	78,105	119,928
35	Spirits of all kinds	Doz		553,300	20,671																									35	10,818	553,300
36	Sugar of all kinds	Lbs		339,141	74,620	28,521	13,718																							36	30,709	339,141
37	Tea of all kinds	Cwt		1,698	16,342	2,624	1,808																							37	45,349	16,342
38	Tin plates, tin on blocks and bars	Gals		48,211	31,641	1,808	7,141																							38	370,088	27,901
39	Wines of all kinds	Lbs		273,901	255,893	10,441	1,189																							39	447,236	273,901
40	Wool fabrics and manufactured of all kinds	Doz		857,037	237,587	119,400	21,080																							40	1,976,765	857,037
41	Raw Cotton	Lbs	10,149,251	857,037	237,587	119,400	21,080																							41	999,072	10,149,251
42	Settlers effects	Doz		379,070	93,337	1,233,802	61,191	1,870																						42	1,976,765	379,070
43	Silver ingots	Doz		1,418,374	93,337	1,233,802	61,191	1,870																						43	999,072	1,418,374
44	Other articles	Doz																												44	11,061,372	10,643,787
Total				10,663,787	1,724,355	1,210,817	256,552	1,870	79,227	1,488	35,340	26,411	4,619	12,156	7,552	3,562	10,875	7,189	1,209	12,863	1,926	409	549	10,587	28,991	7,517	12,404	702	11,061,372	10,643,787		

Compiled by J. A. BELLEAU of H. M. Customs.



## PORT OF QUEBEC

Comparative statement showing the total value of merchandise imported and the duty collected in each month during the Calendar year 1915 compared with the same month of the previous year 1914.

MONTHS	Exports	Exports	Imports	Imports	Duty Collected	
	1914	1915	1914	1915	1914	1915
January .....			699,012	537,157	146,045.91	177,210.71
February .....			589,132	576,357	149,799.34	146,885.48
March .....			661,537	700,608	145,062.63	132,805.33
April .....	334,578		663,068	484,641	155,316.35	116,394.13
May .....	697,416	152,637	1,185,169	990,572	183,186.01	142,284.11
June .....	1,544,916	178,285	1,679,026	949,289	178,994.46	162,269.92
July .....	1,486,681	299,752	1,376,530	1,002,307	197,546.52	179,238.35
August .....	999,189	913,096	1,173,745	1,029,257	243,927.29	191,028.45
September .....	765,690	505,888	978,740	994,559	104,356.95	190,506.31
October .....	606,101	885,764	1,003,046	1,103,455	105,487.41	202,506.67
November .....	523,790	452,221	910,574	1,252,346	102,418.23	221,182.08
December .....	301,964	553,660	744,793	1,043,229	132,677.38	234,654.22
Total .....	7,260,225	3,941,303	11,664,372	10,663,787	1,844,818.48	2,096,965.76
Decrease ... 3,318,922		Decrease ... 1,000,585		Increase ... 252,147.28		

## PORT OF QUEBEC

RECAPITULATION of the total imports for the year ending [31st December 1915. Showing the Countries whence imported with a comparative Statement of the previous year 1914.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1914	1915	1914	1915
		\$	\$	\$	\$
1	Great Britain .....	4,107,626	1,724,355	2,383,271	
2	United States .....	6,053,518	8,210,817		2,157,299
3	British West Indies .....	335,172	198,557	136,615	
4	France .....	413,934	256,552	157,382	
5	Germany .....	202,978	1,870	201,108	
6	Holland .....	137,481	79,227	58,254	
7	Belgium .....	127,262	1,148	125,774	
8	Spain .....	59,585	35,340	24,245	
9	Japan .....	24,031	26,411		2,380
10	Newfoundland .....	9,718	28,991		19,273
11	Italy .....	23,129	12,156	10,973	
12	China .....	17,374	4,619	12,755	
13	Portugal .....	9,092	7,552	1,540	
14	Turkey in Asia .....	7,649		7,649	
15	Norway .....	6,584	3,562	3,022	
16	Austria .....	20,134		20,134	
17	Cuba .....	8,903	1,269	7,634	
18	Greese .....	3,318	12,404		9,086
19	Switzerland .....	10,990	12,863		1,873
20	Sweden .....	33,445	409	33,036	
21	Bohemia .....	2,176		2,176	
22	Denmark .....	75	1,926		1,851
23	British India .....	1,206	549	657	
24	Ceylon .....	44,113	16,587	27,526	
25	Jamaica .....	1,993	702	1,291	
26	Asia .....	222		222	
27	Algeria .....	787		787	
28	Bavaria .....	1,877		1,877	
29	Australia .....		10,875		10,875
30	Bulgaria .....		7,189		7,189
31	Brazil .....		7,517		7,517
	Total .....	11,664,372	10,663,787	3,217,928	2,217,343

# PORT OF QUEBEC

STATEMENT of the Quantity and Value of the Principal Merchandise Exported from this Port during the year ending 31st December 1915 showing the Countries to which Exported to Also a Comparative Statement of the Previous Year 1914

Nos.	ARTICLES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Germany	Newfoundland	New Zealand	South Africa	Australia	Nos.	Total Exports	1914	Total Exports	1915
			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$					
1	Asbestos .....	Tons	8,043	76,900	40,160		36,740						1	29,635		76,900	
2	Animals .....	Nos	1,570	175,000			175,000						2	450		175,000	
3	Apples .....	Brl	1,069	3,417	3,417								3	798		3,417	
4	Bacon and ham .....	Lbs	189,268	26,307	26,307								4	67,315		26,307	
5	Cheese .....	Lbs											5	181,319			
6	Dry Cod fish .....	Cwt	1,250	3,200			3,200						6	73,688		3,200	
7	Furs .....	\$		161	61				100				7	55,285		161	
8	Flour of all kinds .....	Brls	8,659	66,577			66,577						8	190,264		66,577	
9	Herrings pickled .....	Cwt	13,239	13,964		13,964							9	28,055		13,964	
10	Hay .....	Tons											10	8,216			
11	Hides raw .....	\$											11	551			
12	Lobster, oysters .....	Lbs	17,900	1,750			1,750						12	14,253		1,750	
13	Leather of all kinds .....	\$		69	69								13	46,236		69	
14	Meats, pork lard, beef .....	Lbs											14	154,460			
15	Paper of all kinds .....	\$		24,955	2,250					22,705			15			24,955	
16	Roller wheats, oats, oatmeal .....	Lbs											16	37,150			
17	Silver ingots .....	\$											17	2,022,728			
18	Salmon, fresh and preserved .....	Lbs	29,300	2,930			2,930						18	11,323		2,930	
19	Other articles .....	\$				931	1,229	795,256				171	19	829,435		96,208	
20	Lumber, pine deals .....	Sd Hund	186.77	15,511	15,511								20	4,415		15,511	
21	" Spruce deals .....	"	19,498.71	1,000,812	955,310		15,472						21	388,681		1,000,812	
22	" all others .....	"	2,172.29	28,701	28,701								22	2,701		28,701	
23	" planks and boards .....	No	162,658	36,198	36,198								23	45,684		36,198	
24	" wood pulp .....	Tons	128,161	1,429,844	302,500	765,144	362,200						24	1,726,236		1,429,844	
25	" Pulp wood .....	Cords	29,243	190,724		190,724							25	177,567		190,724	
26	Square timber, Ash .....	Tons	75	1,881	1,881								26	230		1,881	
27	" Beech .....	"	6,848	99,391	99,391								27	46,153		99,391	
28	" Elm .....	"	4,326	162,233	162,233								28	303,116		162,233	
29	" Maple .....	"	29	690	690								29	650		690	
30	" Oak .....	"	4,679	139,332	139,332								30	239,599		139,332	
31	" Red pine .....	"	5,491	4,404	4,404								31			4,404	
32	" Pine white and waney .....	"	8,661	285,221	285,221								32	465,033		285,221	
33	" All others .....	"	383	10,723	10,723								33			10,723	
34	Manufactures of wood of all kinds .....	\$		44,200	33,011		8,289				2,900		34	161,840		44,200	
	Total .....			3,941,303	2,215,232	970,763	703,387	795,256	22,705	2,900	171			7,260,225		3,941,303	

All goods exported by Land from this Port to Foreign Countries are not taken into account here, but at the port of Exit from Canada. The above figures therefore only show the Quantity and Value of goods exported by water. The value of the goods exported by Land is much more considerable than those exported by water.

Compiled by J. A. BELLEAU, of H. M. C.

## PORT OF QUEBEC

RECAPITULATION of the total exports for the year ending 31st December 1915 Showing the Countries to which exported; with a comparative Statement of the previous year 1914.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1914	1915	1914	1915
1	Great Britain	5,976,117	2,215,232	3,760,885	
2	United States	958,406	970,763		12,357
3	France	118,990	703,387		584,397
4	Germany	1,127	795	332	
5	Belgium	236		236	
6	Newfoundland	66,327	25,350	40,977	
7	Switzerland	3,533		3,533	
8	Norway	66,309		66,309	
9	Italy	2,802		2,802	
10	Austria	456		446	
11	Sweden	70		70	
12	East Africa Portuguese	7,697		7,697	
13	Denmark	6,859		6,859	
14	Australia	51,296	171	51,125	
15	New Zealand		22,705		22,705
16	South Africa British		2,900		2,900
	Total	7,260,225	3,941,303	3,941,281	622,359

Total decrease . . . . . 3,318,922

## PORT OF QUEBEC

STATEMENT of the Quantity and Value of Grain, Flour, Animals and Provisions, etc., imported from United-States in transitu to this Port and exported to Great Britain by Steamers during the Summer 1915.

GREAT BRITAIN					
ARTICLES	Unit of	Quantity	Quantity	Value	Value
	Quantity	1914	1915	1914	1915
				\$	\$
Land	Lbs	2,139,097		213,911	
Meats canned, etc	Lbs	11,798,336	1,499,838	1,159,655	152,352
Oil of all kinds	Brls	5 25		5,260	
Lumber	\$			32,357	2,028
Hogs hair	\$			4,310	
Other Articles	\$			14,262	29,935
Total				1,429,755	184,315
Total decrease					1,245,440





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( QUEBEC HARBOUR  
COMMISSIONERS' ) REPORT

FOR THE YEAR 1916

Under The Quebec Harbour Commissioners' Act, 1899



QUEBEC

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QUEBEC HARBOUR  
COMMISSIONERS' REPORT  
FOR THE YEAR 1916

Under The Quebec Harbour Commissioners' Act, 1899

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# OFFICERS OF THE QUEBEC HARBOUR COMMISSION

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## COMMISSIONERS

D. O. L'ESPERANCE, CHAIRMAN

A. S. GRAVEL, D. H. PENNINGTON.

---

CHARLES SMITH, *Secretary-Treasurer*

---

ST-GEORGE BOSWELL, M., INST., C. E., *Chief Engineer  
and General Supt.*

---

W. V. TAYLOR, *General-Assistant Engineer.*

---

A. C. FELLOWS, *Assistant Engineer,*

---

CAPTAIN JAMES A. MURRAY, *Harbour Master,*

---

CAPT. THOS MCGOUGH, *Assistant Harbour Master,*

---

E. H. S. WOODSIDE, *Accountant,*

---

W. A. MOUNTAIN, *Cost Clerk and Acting Accountant,*

---

JOHN STAIN, *Cashier and Chief Clerk,*

---

E. GERARD HAMEL, *Assistant-Secretary,*

---

A. F. DION, *Traffic Manager,*

---

T. J. ROBITAILLE, *Supt. of Construction.*

---

G. H. BOURDON, *Purchasing Agent,*

---

P. KERWIN, *Chief Clerk, Construction Department,*

---

A. LETELLIER, *Wharfinger.*

---

P. FLYNN, *Ass't Wharfinger.*



# QUEBEC HARBOUR COMMISSIONERS'

## REPORT FOR THE YEAR 1916

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Quebec, January 2nd, 1917.

To The Honourable J. D. Hazen, M.P., P.C.,

Minister of Marine & Fisheries,

Ottawa.

Sir,—

In compliance with the requirements of the Act 62-63 Victoria, Chapter 34, Section 46, I have the honour to report as follows, on the operations of the Quebec Harbour Commission for the year 1916.

### *Chief Engineer's Report*

The annexed report of the Chief Engineer, Mr. St-George Boswell, conveys information in regard to all matters coming under his care, in connection with the Commissioners' works, and the various works of maintenance and improvements made to them during the course of the year.

### *Harbour Master's Report*

The annexed report from the Harbour Master, Captain James A. Murray, gives information concerning the number and gross tonnage of ocean, coasting and lake steamers landing at the Commissioners'

wharves during the Seasons of Navigation of 1913-1914-1915 and 1916, and also as to the opening and closing of navigation in the Port of Quebec.

### *Wharfinger's Report*

In the annexed report from the Wharfinger, Mr. A. Letellier, will be found the usual particulars regarding the number of vessels using the Louise Docks, the goods landed on or shipped from the wharves, and the railway traffic on the Commissioners' properties during the year 1916.

### *Appointment of a New Board*

Following the resignation of Sir William Price, President, and of Messrs A. S. Gravel and J. B. E. Letellier, Commissioners, Mr. D. O. L'Espérance of Quebec, has been appointed President of the Quebec Harbour Commission, and Messrs A. S. Gravel of Etchemin and D. H. Pennington of Quebec, Commissioners, by Order-in-Council dated June 23rd, 1916. The new Commissioners took the Oath of Office on the 26th day of June, 1916, and held their first meeting on the same day.

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Mr. Charles Smith, of Quebec, Advocate and King's Counsel, has been appointed Secretary-Treasurer of the Quebec Harbour Commission, his appointment taking effect on the 1st of November 1916.

### *Revenue and Expenditure*

The revenue of the Quebec Harbour Commission

for the year 1916, has been of \$282,327.46, being an increase over the preceding year of \$30,454.69.

### *Premises Leased*

The leases of the following tenants have been renewed: The Canadian Import Company, and The Nova Scotia Steel & Coal Company, Limited, for Coal Yards at the Western End of the Louise Embankment for a term of fifteen years each, from the 1st of May 1916; Mr. J. B. E. Letellier, for Shed No. 11, and Coal Bins situated on Atkinson's Wharf, for a period of five years from the 1st of May 1917.

Renewals of leases for one year have been given to the other tenants, whose leases expired on the 1st of May 1917, with a right of cancellation after three months' notice, if any of the properties leased are required for Harbour Improvements.

### *Grain Elevator*

Several applications for space for large quantities of grain, aggregating over 5,000,000 bushels to be stored in the Commissioners' Elevator No. 2, have been received during the past year. Part of this grain had to be refused for lack of space.

In view of the steadily increasing demand for space, and as the capacity of the present Elevator is limited to 1,000,000 bushels, the construction of a new Elevator in the Port of Quebec has become an urgent necessity.

### *Cars Handled*

During last year, 46,835 cars have been handled by the Commissioners' locomotives, namely:



Loaded Cars received . . . . .	16,083
Loaded Cars forwarded . . . . .	13,395
Empty Cars received . . . . .	7,348
Empty Cars forwarded . . . . .	10,009

Total . . . . . 46,835 Cars.

Of this number of cars, the Car Ferry has handled 13,278.

*Repairs to Property*

Careful attention has been paid to the various properties of the Commissioners, to maintain and bring them up to a first class condition.

Details will be found in the Chief Engineer's Report.

*Enlistment for Overseas Service*

Several employees of the Quebec Harbour Commission have volunteered for Overseas Service during the present European War, viz:

- Messrs C. T. B. Croft . . . Engineer's Office.  
" P. D. Woods . . . General Office,  
" Victor Holmes . . . Assistant Engineer,  
" E.H.S. Woodside . . . Accountant.  
" George Wheatley . . . Grain Elevator Engineer.  
" B. Boulton . . . . . Of the Elevator Staff,  
" R. Pike . . . . . Of the Elevator Staff,  
" F. R. Hill . . . . . General Foreman.

The Commissioners deeply regret to record that of these volunteers, Lieutenant Victor Holmes died of wounds received on September 28th, 1916, at the Battle of Courcelette, in an attempt to rescue a wounded soldier who was calling for assistance.

Flight-Lieutenant C. T. B. Croft also lost his life for his King and Country while on Active Service.

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With regard to the Members of the Quebec Harbour Commission who have enlisted, as the Government has, by an Order-in-Council passed in September 1916, decided to allow Government Officials proceeding on Active Service, only the difference between their military pay and the pay which they had been receiving from the Government, the Commissioners have decided to take this same course in future, and only allow any of their Officials proceeding to the Front, the difference between the pay they actually receive on Active Service, and the pay they had been receiving while in the employment of the Commission.

The Quebec Harbour Commissioners have given free accommodation in their Office Building for the Quebec Citizens' Recruiting Association, and also for the Naval Transport Officers during the past year.

### *Exchange of Land*

On December 15th, 1916, a Deed of Sale, Transfer and Exchange was passed, whereby the Quebec Harbour Commissioners have exchanged with the Commissioners of the Transcontinental Railway, a space or tract of land situated near the Western end of the Louise Embankment, which was needed by the Transcontinental Railway for the erection of the present Union Station at the Palais, for a piece of land being part of lot No. 1037, of the Official Cadastre of St.

Peter's Ward of the City of Quebec, the Quebec Harbour Commissioners receiving in addition the sum of \$70,000.00.

### *Membership*

During the year 1916, the Quebec Harbour Commissioners have become Members of the American Association of Port Authorities. This Association, upon invitation of the Quebec Harbour Commissioners, visited the Docks and Harbour on the 10th of September 1916.

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The Dominions Royal Commission also visited the Harbour on November 6th, 1916, and were given every available information concerning the Port, its berthing and landing facilities, etc.

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Mr. D. H. Pennington represented the Quebec Harbour Commission at a Convention of the Pacific Coast Authorities, held in Vancouver B.C., on the 4th, 5th and 6th of September 1916, when matters of shipping and dock facilities were discussed.

### *Supply of Water*

An agreement has been reached between the Quebec Harbour Commissioners and the City of Quebec, for the supply of water to the Quebec Harbour Commissioners' Buildings, Docks, Immigration Building, and also to ocean vessels visiting this Port, for the sum of \$5,000.00 per annum for a period of two years, beginning May 1st, 1916.

*Appointment of Auditors*

Messrs LaRue & Trudel, Chartered Accountants of the City of Quebec, have been appointed Auditors of the Quebec Harbour Commission for the year 1917.

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To this Report are annexed the various statements conveying the information yearly forwarded to your Department in connection with the Harbour, and also a complete statement of the Commissioners' accounts for the year.

I have the honour to be,

Sir,

Your most obedient servant,

D. O. L'ESPERANCE,

*President.*

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# HARBOUR COMMISSIONERS OF QUEBEC

## ENGINEER'S REPORT

---

Quebec, January 2nd 1917.

CHARLES SMITH, Esq.,

Secretary-Treasurer,

Harbour Commission,

Quebec, P.Q.

Sir,

I have the honour to submit the following with reference to the various works of maintenance and improvements, carried out during the past season, under the direction of the Board.

### *Quay Wall in River St-Charles*

This work has now been completed with the exception of 1,200 lin. ft of superstructure still to be built up for a height of five feet, the placing of fenders and mooring posts on the uncompleted portion of the frontage, and the surface planking of the Quay for a length of 2,850 feet. The dredging of the basin and approach of this new Quay Wall to a depth of 35 feet below Low Water, has sufficiently advanced to permit of the use of the entire frontage. The space between the Old and New Quay Walls, filled in with materials taken from the dredging has added 19 acres to the surface area of the Louise Embankment; the dredges during the season having removed 943,740



General view of Grain Galleries and Shed "B, under Construction Looking East





cubic yards of materials, of which 369,075 cubic yards have been deposited as filling.

Plans have been prepared and approved of by the Honorable Minister of Marine and Fisheries for the erection on the New Quay Front of two fireproof Landing Sheds, one to be 1,000 feet long by 104 feet wide, the other 755 feet long by 75 feet wide, in conjunction with these sheds, "four belt" Grain Galleries, connected with the Commissioners' Elevator are to extend along the Dock Front.

Contracts have been awarded for the construction of the 1,000 feet long shed, and considerable progress has been made in its erection; the foundation piles have all been driven, the Grain Galleries almost completed, and considerable progress made on the shed proper, so that it is expected that the whole of the work will be completed and ready for use early next summer.

### *Indian Cove*

Beyond preparing timber for the superstructure of the Bulkhead Quay Wall, and for the fenders for this frontage, no work of actual construction was carried on at Indian Cove, with the exception of the completion of the repairs to the Long Wharf where damaged by the SS "Whakatane". Two Dump Scows and one Deck Scow have been drawn up on the slip for repairs, caulking and painting. During the winter, the Commissioners' pontoon, damaged at the time of the sinking of the SS. "Lady of Gaspé", was repaired and the covering shed rebuilt.

### *Sillery Quarry*

As only a limited quantity of stone was required during the past season, the Quarry was not worked to its full capacity, only 5,959 cubic yards of stone having been taken out.

### *Floating Grain Elevator*

This boat handled during the past season 108,468 bushels of grain to vessels, which for various reasons could not be berthed at the Marine Tower in the Wet Dock.

### *Grain Elevator*

Grain Elevator No. 2 received 2,075,678 bushels and delivered 1,899,264 bushels of grain, dried 43,918 bushels, the bulk of which was salvage grain, and cleaned 142,223 bushels. Of the delivered grain, 310,760 bushels were bagged in the Elevator.

### *50—Ton Floating Crane*

This crane was returned by the Naval Service Department on June 1st last, since which date, it has handled 10,450 tons of materials into and out of vessels.

The Commissioners' pontoon which was not required in the Custom House Pond, was leased for the season to the Chouinard Estate, and placed for them at the Napoleon Wharf.

The following changes have been made to the Commissioners' plant:

The tug and Service Boat "Laval" has been

disposed of, and replaced by the tug "J. M. Diver" and the Service Boat "Courcelette".

Two gap lathes, one 20" x 38" and one 15" have been added to the Machine Shop tools.

A Cement Gun has been purchased, to be used in repairing the superstructure of Pier No. 1.

A Gantry Crane has been procured for use in conjunction with the equipment of the New Landing Sheds on the Bulkhead Quay Wall, for the loading and discharging of vessels.

The Landing Sheds Nos. 1, 18, 19, 21 and 24 have been painted, and the railway lines kept in a good state of repair.

The Cross-Wall Draw Bridge was operated for the first time the past season on April 10th and for the last time on December 14th.

The water was retained in the Wet Dock for the first time for the season on April 27th and for the last time on December 12th.

I have the honour to be,

Sir,

Your obedient servant,

ST. GEORGE BOSWELL,

*Chief Eng. & General Supt.*

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## HARBOUR COMMISSIONERS OF QUEBEC

### HARBOUR MASTER'S REPORT

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Quebec, January 5th 1917.

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Harbour Commission,  
Quebec.

Sir,

I have the honour to submit reports showing the gross tonnage of ocean, coasting and lake steamers landing at the Commissioners' wharves, during the seasons of navigation of 1913, 1914, 1915 and 1916, also summaries covering these dates.

April 7th.—Schooners "Floride" from Les Eboulements and the "Grégoire" from La Petite Rivière (North Shore) arrived.

April 10th.—Schooner "Caron" left Quebec for Baie St-Paul.

April 15th.—Navigation from Gulf Ports in operation from this date.

April 19th.—The St-Charles Basin free of ice.

April 25th.—The Naval Examination Service for the Port commenced.

May 2nd.—The first Atlantic Liner R.M.S. "Sicilian" arrived.

Nov. 25th.—Naval Examination Service closed.

Dec. 10th.—SS. "Blaamyra" left for sea.



Part of Grain Gallery and Shed "B" under Construction, Showing Travelling Loaders



Dec. 21st.—Pilot steamer “Eureka” arrived from Rimouski.

I have the honour, to be

Sir,

Your obedient servant,

JAS. A. MURRAY,

*Harbour Master.*

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# RECORDS OF ARRIVALS AT THE PORT OF QUEBEC, 1913

Month	COASTING VESSELS				OCEAN VESSELS				OCEAN VESSELS				Total Gross Tonnage per Month
	From Seawards		From Montreal and Lakes		Inwards		Calling from Montreal		Total Vessels for the Month		Total Gross Tonnage per Month		
	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	
April	13,563	6	5,525	6	59,930	9	.....	.....	.....	.....	.....	21	79,018
May..	30,829	23	14,768	12	419,897	53	79,900	10	98	545,403			545,403
June..	39,254	22	30,758	21	407,236	54	64,631	8	105	541,879			541,879
July..	34,688	23	24,763	20	410,313	51	105,056	12	106	574,820			574,820
Aug..	25,289	17	36,959	28	465,356	57	125,404	18	120	653,008			653,008
Sept..	33,117	24	21,814	18	374,317	45	100,401	12	99	529,649			529,649
Oct...	23,380	19	16,343	14	405,337	49	54,566	7	89	499,626			499,626
Nov..	24,416	17	12,393	12	275,880	35	107,372	11	75	420,051			420,051
Totals	224,536	151	163,323	131	2,818,266	353	637,329	78	713	3,843,454			3,843,454

Total Gross Tonnage for the year 1913 : 3,843,454 tons.

PORT OF QUEBEC. — RECORD OF SHIPPING ARRIVALS. — 1913.

	No. of Vessels	Gross Tonnage.
Coasting Vessels from Seaways.....	151	224,536 tons
Coasting Vessels from Montreal and Lake Boats.....	131	193,323 “
Ocean Steamships—Inwards.....	353	2,818,266 “
Ocean Steamships—Outwards from Montreal.....	78	637,329 “
Totals.....	713	3,843,454 “

Total Gross Tonnage for 1913 : 3,843,454 tons.

# RECORD OF ARRIVALS AT THE PORT OF QUEBEC, 1914.

Month	COASTING VESSELS				OCEAN VESSELS		OCEAN VESSELS		Total Vessels for the Month	Total Gross Tonnage per month
	From Seawards		From Montreal and Lakes		Inwards		Calling from Montreal			
	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels		
April	3,521	1	1,849	1	48,833	6	.....	0	8	54,203
May..	31,046	17	15,853	13	430,396	54	103,186	13	97	580,481
June..	31,875	19	23,004	17	382,516	48	107,169	16	100	544,564
July..	35,547	21	13,523	11	384,580	45	111,684	14	91	545,334
Aug..	22,576	16	19,795	17	328,245	40	189,200	23	96	559,816
Sept..	29,673	23	32,403	24	284,809	29	(1)413,493	47	123	760,378
Oct..	39,618	23	33,063	24	150,412	21	103,410	14	82	326,503
Nov..	21,908	16	15,690	11	125,070	16	91,163	11	54	253,831
Dec..	1,964	1	1,770	1	.....	0	12,569	2	4	16,303
	217,728	137	156,950	119	2,134,861	259	1,131,874	140	655	3,641,413

(1) Due to ships carrying First Canadian Contingent.  
Total Gross Tonnage for Season 1914, 3,641,413 tons.

# PORT OF QUEBEC. — RECORD OF SHIPPING ARRIVALS. — 1914.

	No. of Vessels	Gross Tonnage
Coasting Vessels from Seawards.....	137	217,728 Tons
Coasting Vessels from Montreal and Lake Boats.....	119	“ 156,950
Ocean Steamships—Inwards.....	259	“ 2,134,861
Ocean Steamships—Outwards from Montreal.....	140	“ (1)1,131,874
Totals.....	655	“ 3,641,413

Total Gross Tonnage for 1914,—3,641,413 tons.

(1) Due to ships carrying First Canadian Contingent.

# RECORD OF ARRIVALS AT THE PORT OF QUEBEC --- 1915.

Month	COASTING VESSELS INWARDS				OCEAN STEAMERS				OCEAN STEAMERS				Gross Tonnage Total tonnage per month
	From Seawards		From Montreal and the Lakes		Inward from Sea		Outwards via Montreal and Quebec		No of Vessels for the Month		No of Vessels		
	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels			
April	1,534	4	15,542	11	.....	0	.....	0	.....	15	17,076		
May..	32,190	25	31,042	23	180,205	23	40,980	10	.....	81	284,417		
June..	21,712	20	36,414	27	166,523	23	30,299	6	.....	76	254,948		
July..	35,427	26	45,426	31	144,186	24	99,732	15	.....	96	324,771		
Aug..	26,118	21	47,097	30	142,399	20	71,349	11	.....	82	288,097		
Sept..	18,973	19	43,255	25	140,929	21	38,153	7	.....	72	233,987		
Oct...	19,644	17	23,503	16	134,288	20	61,449	10	.....	63	238,884		
Nov..	18,890	19	26,759	17	141,425	21	62,559	10	.....	67	249,633		
Totals	174,488	151	268,938	180	1,049,955	152	404,521	69	.....	552	1,891,813		

Total Gross Tonnage for 1915 : 1,891,813 Tons.

PORT OF QUEBEC. — SUMMARY OF GROSS TONNAGE AND NUMBER OF VESSELS  
ARRIVED DURING 1915.

	Vessels.	Gross Tonnage.
Coasting Vessels inwards from sea . . . . .	151	174,488 tons
Coasting Vessels calling from Montreal, and Lake Boats inwards . . . .	180	“ 268,938
Ocean Steamers inwards from Sea . . . . .	152	“ 1,049,955
Ocean Steamers outwards for sea, via Montreal and Quebec . . . . .	69	“ 404,521
Totals . . . . .	<hr/> 552	<hr/> 1,891,813 Tons
Total Gross Tonnage for 1915: 1,891,813 Tons.		

# RECORD OF ARRIVALS AT THE PORT OF QUEBEC. — 1916.

Month	COASTING VESSELS				OCEAN VESSELS		OCEAN VESSELS		Total Gross Tonnage per Month
	From Seawards		From Montreal and the Lakes		Inwards		Calling from Montreal		
	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	
April	2,252	6	1,707	1	.....	..	..	.....	3,959
May..	11,878	14	20,539	21	99,555	17	42,397	7	182,359
June..	19,319	21	27,987	24	126,683	22	103,278	19	277,267
July..	7,602	11	35,628	23	141,889	26	126,303	25	311,422
Aug..	10,282	13	28,905	22	150,968	25	149,514	24	339,669
Sept..	22,874	10	32,982	26	156,968	24	167,734	32	380,558
Oct...	11,864	15	44,450	32	147,482	21	83,885	15	287,631
Nov..	8,483	12	38,588	29	120,616	16	110,685	20	278,372
Dec..	1,060	2	6,204	4	.....	.....	12,757	5	19,961
Totals	95,614	112	244,990	182	944,161	151	796,493	147	2,081,148

Total Tonnage for Season 1916 : 2, 081,148 tons.

The unusual amount of tonnage from Montreal is due to the Government shipments.



# PORT OF QUEBEC. — RECORD OF SHIPPING ARRIVALS. — 1916.

	No. of Vessels.	Gross Tonnage.
Coasting vessels from seawards.....	112	95,614 tons
Coasting vessels from Montreal and Lake Boats.....	182	244,990 “
Ocean Steamships—Inwards.....	151	944,161 “
Ocean Steamships—Outwards from Montreal.....	147	796,493 “
	592	2,081,148 tons.

Total tonnage for 1916 : 2,081,148 tons.

The unusual large amount of tonnage from Montreal is due to the Government shipments.

SUMMARY OF THE NUMBER AND GROSS TONNAGE OF VESSELS ARRIVING  
AT THE PORT OF QUEBEC, 1913, 1914, 1915, 1916.

YEAR	COASTING VESSELS				OCEAN VESSELS		OCEAN VESSELS		Total Vessels for the year	Gross Tonnage for the year
	From Seawards		From Montreal and Lakes		Inwards		Calling from Montreal Outwards			
	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels	Gross Tonnage	No of Vessels		
1913..	224,536	151	163,323	131	2,818,266	353	637,329	78	713	3,843,454
1914..	217,728	137	156,950	119	2,134,861	259	1,131,874	140	655	3,641,413
1915..	174,488	151	268,938	180	1,049,955	152	404,521	69	552	1,891,813
1916..	95,614	112	244,990	182	944,161	151	796,493	147	592	2,081,148



Grain Gallery and Shed "B" under Construction, Looking West



# QUEBEC HARBOUR COMMISSIONERS' OFFICE

## WHARFINGER'S REPORT

---

Quebec, January 2nd 1917.

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Quebec Harbour Commission,  
Quebec.

Sir,

I have the honour to submit the following with reference to the traffic of the St-Charles Docks and Wharves, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from the Docks during season 1916.

*Inwards 278 Vessels — 737,328 tons Register*

10,411	Tons	General Cargo.
8,123	"	Salt.
297	"	Drain Pipes and Earthenware.
224	"	Whiting.
3,571	"	Brick.
277,296	"	Bituminous Coal.
33,202	"	Anthracite Coal.
760	"	Coke.
268	"	Molasses and Sugar.

*Outwards 194 Vessels — 637,176 tons Register*

79 Tons	General Cargo.
33,236 P.S.	Lumber.
1,438 Loads	Timber.
1,743 P.S.	Spool Wood.
19,192 Cords	Pulpwood.
1,396 Tons	of Rails
11,476	Horses.
243	Motor Launches.

*Lower Port Steamers*

72 Vessels.	
Landed	1,002 Tons General Cargo.
Shipped	3,161 Tons General Cargo.

*Grain landed at Elevator No. 2*

Oats..... 182,772 Bushels.  
2,108 tons of Oats have been stored in Shed No  
25 for the Department of Agriculture during this  
season, awaiting shipment.

*Vessels damaged and using the Docks*

The SS. "Arachne" having grounded at St-Pierre Miquelon, came to the Louise Docks, landed her cargo of grain at Elevator No. 2, went to Levis for repairs. After being repaired, reshipped her cargo and proceeded to sea.

The SS. "Fremona" having been ashore on South Point of Island of Anticosti, came to Louise Docks,

landed her cargo of wet grain etc., went to Levis for repairs. When repaired, reshipped her general cargo, and proceeded to sea on the 3rd of December.

The Dominion Coal Company have 2,250 tons of coal stored on the space rented to them.

The Nova Scotia Steel & Coal Company have 25,000 tons of coal stored on the space rented to them.

There are wintering on Louise Docks; Lumber, Timber, Coal etc.

There are stored in the different Freight Sheds; Lumber, Salt, etc.

The Docks are occupied during the winter months by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.

I have the honour to be,

Sir,

Your most obedient servant,

A. LETELLIER,

*Wharfinger.*

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# HARBOUR COMMISSIONERS OF QUEBEC

## TRAFFIC MANAGER'S REPORT

Quebec, 31st December 1916.

ST. GEORGE BOSWELL, Esq.,  
Chief Engr & General Supt.,  
Harbour Commission,

Quebec.

Sir:—

I beg to submit for the information of the Commissioners, a report of the operation of the Traffic Department during the year 1916.

Loaded cars received.....	16,083	
Loaded cars forwarded....	13,395	29,478
Empty cars received.....	7,348	
Empty cars forwarded....	10,009	17,357
		46,835

Total number of cars handled

by "Car Ferry" ..... 13,278

### *Account Grand Trunk Railway:*

Loaded cars received.....	4,722		
Loaded cars forwarded....	4,032	8,754	
Empty cars received.....	646		
Empty cars forwarded.....	1,390	2,036	10,790

### *Account Intercolonial Railway:*

Loaded cars received.....	175	
Loaded cars forwarded....	214	389



Empty cars received.....	21		
Empty cars forwarded....	26	47	436

*Account Quebec Central Railway:*

Loaded cars received.....	621		
Loaded cars forwarded....	776	1,397	

Empty cars received.....	458		
Empty cars forwarded....	197	655	2,052

Loaded cars interchanged via Harbour Tracks.....			5,228
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Loaded passenger and bag- gage cars handled.....			1,608
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Cars of coal loaded on Louise Docks.....			4,791
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The Commissioners' four locomotives are being  
cared for by the staff in our shop.

I am, Sir,

Your obedient servant,

A. F. DION,

*Traffic Manager.*

EXPENDITURE ON CAPITAL ACCOUNT ON APPROVED  
ESTIMATES OUT OF THE VOTE OF PARLIAMENT, UNDER  
“THE QUEBEC HARBOUR ADVANCES  
ACT, 1913.”

Dredging St. Charles River . . . . .	\$ 85,583.83
Quay Extension River St. Charles . . . . .	112,629.58
Grain Elevator . . . . .	2,982.17
Auxiliary Floating Elevator . . . . .	1,796.21
Office Building . . . . .	82.89
General Plant and Equipment . . . . .	13,198.69
Grain Galleries . . . . .	101,018.26
Permanent Landing Sheds . . . . .	121,900.57
Shops and Buildings . . . . .	1,593.32
	<hr/>
	\$440,785.52

Quebec Harbour Commissioners' Office,  
Accounting Department.

W. A. MOUNTAIN,  
*Acting Accountant*

CHARLES SMITH,  
*Secretary-Treasurer.*



Loading Motor Boats, with 50 Ton Floating Crane



# COMPARATIVE STATEMENT OF THE QUEBEC HARBOUR COMMISSIONERS' REVENUE FOR TWO YEARS 1915-1916

	1915	1916	Difference.	1916
Elevators.....	\$ 6,380.56	\$ 31,136.11	\$ 24,755.55	Increase.
Sheds.....	3,939.86	4,119.21	179.35	Increase.
Freight Hoists.....	1,492.29	2,743.71	1,251.42	Increase.
Railways.....	47,947.85	46,424.15	1,523.70	Decrease.
Floating Crane.....	1,302.50	19,729.00	18,426.50	Increase.
Wharfage.....	36,877.82	36,397.76	480.06	Decrease.
Rentals.....	93,877.39	104,586.07	10,708.68	Increase.
Sundry Receipts.....	59,770.12	32,169.45	27,600.67	Decrease.
Interest.....	284.38	5,022.00	4,737.62	Increase.
	\$251,872.77	\$282,327.46	\$ 30,454.69	Increase.

Quebec Harbour Commissioners' Office,  
Accounting Department,

W. A. MOUNTAIN, *Acting Accountant.*

CHARLES SMITH, *Secretary-Treasurer.*

# QUEBEC HARBOUR COMMISSIONERS

REVENUE ACCOUNT FOR THE YEAR ENDED 31st DECEMBER, 1916

OPERATING RECEIPTS		OPERATING EXPENDITURES	
Elevators.....	\$ 31,728.04	Elevators.....	\$ 40,414.08
Sheds.....	4,119.21	Sheds.....	35,607.00
Freight Hoists.....	2,743.71	Freight Hoists.....	1,395.00
Railways.....	46,424.15	Railways.....	51,563.92
Floating Crane.....	19,729.00	Floating Crane.....	2,869.17
Wharfages.....	36,397.76	Wharves.....	33,952.37
Rentals.....	104,586.07	Sundry Expenditures.....	7,921.52
Sundry Receipts.....	31,577.52	Interest on Debentures.....	46,000.00
Interest.....	5,022.00	Administration.....	68,751.32
Deficit in Year's Operations.....	\$282,327.46		\$288,474.38
	6,146.92		
	\$288,474.38		\$288,474.38

Quebec Harbour Commissioners' Office,  
Quebec, February 2nd, 1917.

W. A. MOUNTAIN,

*Acting Accountant.*

CHARLES SMITH,

*Secretary-Treasurer.*

# QUEBEC HARBOUR COMMISSIONERS

## STATEMENT OF ASSETS AND LIABILITIES AT 31st DECEMBER, 1916.

ASSETS		LIABILITIES	
St-Charles Docks and Wharves...	\$5,459,866.12	Quebec Harbour Debentures....	\$3,612,802.42
Indian Cove property.....	121,818.29	Receiver General..	43,380.00
Sillery Quarry .....	1,063.70	Dominion Government, securing Dock Walls....	541,393.26
<i>New Construction:</i>	\$ 5,582,748.11		\$ 4,197,575.68
Harbour Dredging	\$1,064,806.48	Quebec Harbour Bonds (62-63 Vic Chap.34) .....	350,000.00
Wharves, Piers & Basins. ....	1,671,986.10	Interest accrued to January 1st, 1917 .....	3,000.00
Shops and Buildings .....	206,826.46	Quebec Harbour Bonds (6-7 Edward VII, Chap. 36) .....	800,000.00
Railways.....	142,606.26		\$ 1,153,000.00
Permanent Sheds..	121,900.57		
Grain Galleries. . .	101,018.26		
Elevators, .....	915,432.41		
Miscellaneous. ....	58,416.29		
	4,282,992.83		
	\$ 9,865,740.94		

Beach and Deep Water Lots (See Contra).....	23,594.28	Quebec Harbour Debentures Series "A".....	5,390,000.00
Beach Lots River St-Charles.....	561.54		
Plant and Tools.....	1,233,234.75	Lampson's Cove Capital Suspense.....	\$10,740,575.68
Materials on Hand.....	57,863.16	Suspense.....	453,167.86
Office Furniture.....	9,432.16	Beach and Deep Water Lots (See Contra).....	32,300.41
<i>Unsettled Claims against the Dominion Government:</i>		Accounts Payable.....	23,594.28
Department of Pu. blic Works.....	\$ 205,209.04	<i>Surplus:</i>	40,914.30
Department of the Interior.....	351,437.32	Revaluation Acc... \$	161,107.12
Department of Marine & Fisheries.....	314.25	Profit & Loss Acc..	649,978.16
	556,960.61		811,085.28



Accounts Receivable.....	46,946.06	
Cash on Hand and in Bank.....		603,906.67
Suspense.....		294,705.77
Accrued Rentals.....		3,686.65
Unearned Insurance.....		6,121.65
		2,790.24
		<hr/>
		\$12,101,637.81
		<hr/>
		\$12,101,637.81

The arrears of Interest on the old Debentures of the Dominion Government have not been accrued or in any way incorporated in the above statement.  
Interest on the "Quebec Harbour Debentures" Series "A", amounting to \$175,750.24 for one year to 1st July 1916 have not been paid nor provided for in the above statement.

CHARLES SMITH, *Secretary-Treasurer.*

I have the honour to report that I have examined the above Statement of Assets and Liabilities of the Quebec Harbour Commissioners at 31st December 1916, and I hereby certify that, subject to the above note of the Secretary-Treasurer, relating to Interest on Debentures, it exhibits the true position of the Commission at that date, as shown on the books and information supplied to me.

J. LEONARD APEDAILE, C.A., L. I. A., *Auditor.*

Quebec, 2nd February 1917.

MEMORANDUM showing the opening and closing of Navigation in the Port of Quebec from 1830 to 1916

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last sailing for Sea
1830	.....	April 17	April 17	December 4
1831	.....	April 21	April 16	November 30
1832	.....	April 29	May 4	November 30
1833	.....	April 18	May 10	November 25
1834	.....	April 18	May 6	November 24
1835	.....	May 4	May 2	November 25
1836	.....	May 11	May 11	November 26
1837	.....	May 1	April 29	November 18
1838	.....	April 28	May 3	November 20
1839	.....	April 21	May 8	November 23
1840	.....	April 19	April 25	November 29
1841	.....	May 1	April 29	November 28
1842	.....	April 21	May 3	November 28
1843	.....	May 5	April 18	November 28
1844	.....	April 24	May 3	November 23
1845	.....	April 25	May 1	November 26
1846	.....	April 17	April 24	November 27
1847	.....	May 8	May 8	November 26
1848	.....	April 6	May 1	November 21
1849	.....	April 25	April 28	November 25
1850	.....	April 25	April 28	November 28
1851	.....	April 22	April 20	November 29
1852	.....	April 30	April 15	December 4
1853	.....	April 23	April 24	November 26
1854	.....	May 5	April 29	November 29
1855	.....	May 6	May 6	November 22
1856	.....	April 27	April 20	November 23
1857	.....	April 17	April 28	November 24
1858	.....	April 18	April 29	November 25
1859	.....	April 22	April 29	November 28
1860	.....	April 26	April 28	November 26
1861	.....	April 26	April 22	November 26
1862	.....	April 20	April 16	November 29
1863	.....	May 3	May 4	November 27
1864	.....	April 25	April 27	November 30
1865	.....	April 21	April 29	November 28
1866	.....	April 26	April 28	December 1
1867	.....	May 3	April 17	November 29
1868	.....	April 28	April 23	November 28
1869	.....	April 30	April 27	November 27
1870	.....	April 25	April 16	December 2
1871	.....	April 18	April 22	November 27
1872	.....	May 6	April 30	November 26
1873	.....	May 2	April 28	November 22
1874	.....	May 10	April 28	November 25
1875	.....	May 9	April 29	November 23
1876	.....	May 9	May 6	November 26

MEMORANDUM showing the opening and closing of Navigation in the Port of Quebec from 1830 to 1916.—(Continued).

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last sailing for Sea
1877	.....	April 26	April 25	November 25
1878	.....	April 21	April 20	November 24
1879	.....	May 2	April 29	November 28
1880	April 30	April 30	April 30	November 27
1881	April 1	April 26	April 26	November 28
1882	April 22	April 28	April 22	December 2
1883	April 23	May 5	April 23	December 1
1884	April 20	April 29	May 1	December 8
1885	April 19	May 7	May 5	November 21
1886	April 24	April 27	April 29	
1887	April 14	May 3	April 29	November 28
1888	April 8	May 4	April 29	November 30
1889	April 1	April 22	April 26	November 27
1890	April 3	April 29	April 29	November 25
1891	March 29	April 27	April 27	November 30
1892	April 27	April 24	April 28	November 24
1893	April 1	May 6	April 20	November 24
1894	March 21	April 23	April 26	December 5
1895	April 4	April 28	April 26	November 28
1896	April 22	May 1	April 24	November 26
1897	April 7	April 25	April 29	November 27
1898	April 12	April 19	April 25	November 28
1899	April 5	May 3	April 22	November 30
1900	March 28	April 27	April 23	December 5
1901	April 2	April 27	April 20	November 27
1902	March 21	April 15	April 13	December 4
1903	March 20	April 19	April 18	December 6
1904	March 31	May 3	April 24	December 8
1905	March 25	April 26	May 2	November 24
1906	April 4	April 24	April 23	December
1907	April 4	May 2	April 26	November 25
1908	April 8	May 1	April 21	December 1
1909	April 4	April 25	April 21	December 3
1910	March 28	April 15	April 9	December 1
1911	April 9	April 30	April 27	December 8
1912	April 9	April 28	May 1	December 12
1913	April 4	April 23	April 26	December 13
1914	April 3	May 1	April 28	December 4
1915	April 4	April 15	April 30	December 16
1916	April 8	April 23	April 30	December 21

## NOTES

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1883

One ice bridge formed before the City on February 2nd, and broke up on April 23rd.

1884

One ice bridge formed before the City during the night of the 15th and 16th of January, and stood until the 16th of the same month until 2 o'clock p.m.

Another ice bridge formed on January 20th and stood until April 19th.

In that year two considerable floods have occurred: the first on March 28th and the second on November 5th. In both cases the level of the St. Lawrence reached an average of between six and seven feet above the highest ordinary tides.

1885

Extraordinary low tides prevailed from February 15th to April 4th. In the Louise Basin, during that period, the average has given four feet lower than the usual low tides.

1886

On January 9th, an extraordinary high tide prevailed, the water having risen two feet higher than the ordinary flood tides.



Unloading 30 Ton Boilers ex S/S "Manchester Shipper"  
20-11-16

Unloading 30 Ton Boilers, with Floating Crane



1887

The SS. *Geetlands*, loaded with coal, from Sydney, Cape Breton, which had not been able to reach Quebec, in the Fall of 1886, on account of the ice, and which wintered at Les Eboulements, Charlevoix County, arrived in Port the 2nd of April, at 1.30 p.m.

1889

An open boat, belonging to a Mr. Dufört, of Crane Island arrived in Port, with passengers, on the 16th of March, at 6.30 p.m.

1892

An ice bridge formed before the City on 4th March and broke up on 19th April.

1897

The SS. *Polino* went up to Montreal on April 21st

1898

An ice bridge formed before the City on 22nd January and broke up on 10th April.

1905

SS. *Polino* left for Newfoundland on April 12th.

1910

Passenger ferry *Mahone* arrived from River du Loup on the 25th of March.



SS. *General Wolfe* left for the Lower St. Lawrence with passengers and cargo on the 24th of March and returned on the 30th of same month.

SS. *General Wolfe* arrived from the Lower St. Lawrence on the 5th December, and SS. *Aranmore* and *Canada*, arrived on the 6th.

C. G. S. *Montmagny*, left for Halifax on the 9th of December.

1911

SS. *Aranmore* left for the Lower St. Lawrence on the 9th of April and returned on the 19th of the same month.

SS. *Savoy* left for Anticosti on the 15th of April and returned on the 22nd of the same month.

Steam Barge *Carleton* entered the Wet Dock, grain laden, on the 4th of December.

SS. *Bray Head* left for sea on December 8th.

Steam Barge *Carleton* left for Anticosti on the 13th of December, and returned on the 22nd of same month.

1912

SS. *Aranmore* and SS. *Natashquan*, left the Harbour for the Lower St. Lawrence on the 29th March returning on the 6th April.

1913

SS. *Natashquan* left the Harbour for the Lower St. Lawrence on April 1st, returning on the 10th. The last vessel for sea was the C. G. S. *Montmagny*, which left for the Lower St. Lawrence and Halifax on the 13th of December.



1914

SS. "*Savoy*" left the Harbour for Anticosti on April 2nd. The last ocean liner SS. "*Bengore Head*" left the Harbour for sea on December 4th.

1915

The SS. "*Savoy*" left for Anticosti on April 4th.

The first ocean arrival was the SS. "*Thespis*" on April 30th.

The SS. "*Port Colbourne*" was the last vessel to leave for the United Kingdom on December 7th.

1916

The SS. "*Laurentian*" left for the North Shore on April 15th.

The SS. "*Cascapedia*" left for Montreal on April 15th.

The Ice-Breaker "*J. D. Hazen*" purchased by the Russian Government left for Port Archangel, Russia, on December 21st.

CHARLES SMITH,  
*Secretary-Treasurer.*

DEPARTMENT OF PUBLIC WORKS, CANADA,  
DOCKMASTER'S OFFICE

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Levis, 5th February 1917.

Tide Register for 1916 from a gauge at the Levis Dry Dock, the zero of which is level with the Dock Sill or 7.50 feet below low-water Spring tide.

- January —Highest tide 27.2 ft, on 5th, at 6.30 p.m.  
Lowest tide 7.0 ft, on 23rd, at 3.45 p.m.  
West wind during 23 days.  
East wind during 5 days.  
North wind during 1 day.  
South wind during 2 days.
- February —Highest tide 25.5 ft, on 19th, at 7.10 p.m.  
Lowest tide 6.8 ft, on 7th, at 5.12 p.m.  
West wind during 16 days.  
East wind during 6 days.  
North wind during 4 days.  
South wind during 3 days.
- March —Highest tide 27.1 ft, on 9th, at 9.30 a.m.  
Lowest tide 7.8 ft, on 19th, at 1.18 a.m.  
West wind during 22 days.  
East wind during 8 days.  
North wind during 1 day.
- April —Highest tide 26.8 ft, on 5th, at 7.45 a.m.  
Lowest tide 8.8 ft, on 3rd, at 2.30 p.m.  
West wind during 7 days.

East wind during 15 days.  
North wind during 5 days.  
South wind during 3 days.

May — Highest tide 28.5 ft, on 18th, at 6.20 a.m.  
Lowest tide 9.8 ft, on 20th, at 4.15 p.m.  
West wind during 10 days.  
East wind during 14 days.  
North wind during 2 days.  
South wind during 5 days.

June — Highest tide 27.7 ft, on 18th, at 7.45 a.m.  
Lowest tide 9.2 ft, on 17th, at 2.00 a.m.  
West wind during 5 days.  
East wind during 16 days.  
North wind during 4 days.  
South wind during 5 days.

July — Highest tide 27.2 ft, on 17th, at 7.35 a.m.  
Lowest tide 8.0 ft, on 16th, at 1.45 a.m.  
West wind during 20 days.  
East wind during 7 days.  
North wind during 2 days.  
South wind during 2 days.

August — Highest tide 26.6 ft, on 14th, at 6.35 a.m.  
Lowest tide 8.6 ft, on 13th, at 1.45 a.m.  
West wind during 19 days.  
East wind during 8 days.  
North wind during 1 day.  
South wind during 3 days.

September — Highest tide 25.2 ft, on 14th, at 7.45 a.m.  
Lowest tide 8.0 ft, on 12th, at 2.00 p.m.

West wind during 20 days.

East wind during 8 days.

South wind during 2 days.

October — Highest tide 25.7 ft, on 29th, at 8.00 p.m.  
Lowest tide 7.8 ft, on 26th, at 1.36 p.m.  
West wind during 21 days.  
East wind during 5 days.  
North wind during 3 days.  
South wind during 2 days.

November — Highest tide 25.3 ft, on 24th, at 5.15 p.m.  
Lowest tide 7.0 ft, on 22nd, at 11.13 a.m.  
West wind during 19 days.  
East wind during 6 days.  
North wind during 3 days.  
South wind during 2 days.

December — Highest tide 27.0 ft, on 12th, at 8.15 p.m.  
Lowest tide 7.0 ft, on 24th, at 12.45 p.m.  
West wind during 22 days.  
East wind during 6 days.  
North wind during 2 days.  
South wind during 2 days.

ALF. SAMSON,

*Supt Levis Dry Dock.*

Levis Dry Dock.

5th February 1917.





# PORT OF QUEBEC

DESCRIPTION of the principal Merchandises exported from the Port of Quebec to the undermentioned Countries, during the last 43 years from 1874 to 1916 inclusive.

1	Great Britain . . . . .	New Ships built and sold to, Timber, Pine red and white, Elm, Ash, Maple, Oak, Birch, &c., Deals pine and Spruce, Planks and boards, &c., Horned cattle, Sheep &c., Asbestos, Wood Pulp, Fur, Opium and Leather, Cheese and eggs, Meats canned, Grain, Wheat, Oats, &c.
2	United States . . . . .	Lumber, Planks and boards, Laths, Palings and Pickets, Shooks box, Sleepers and Railroad ties, Wood manufactured, Horned cattle, Sheep, &c., Maple Sugar, Hair, Balsam, Asbestos, Wood Pulp, Cotton raw, Fruit berries, &c., &c.
3	France . . . . .	Timber, Square, Pine red and white, Oak, Elm, Birch, Ash, Staves, Deals pine and spruce, Planks and boards, Wood manufactured, &c., &c.
4	St. John Newfoundland . . . . .	New Ships built and sold to, Lumber, Planks and boards, Staves, Pine and Spruce deals, masts and spars, &c., Flour, Biscuits, Pork, lard and butter, Leather, boots and shoes, &c.
5	British West Indies . . . . .	New Ships built and sold to, Timber, pine and spruce, Deals, Shooks box, Grain, hay, Leather and shoes, &c.
6	Germany . . . . .	New Ships built and sold to, Timber red and white, &c., Bass-Wood deals, Pine and spruce, Planks and boards &c., &c., Phosphates, &c., &c., Asbestos.
7	Holland . . . . .	Timber, Square pine red and white, &c., Hickory, Bass-Wood, &c., Deals pine and spruce, Planks and boards, &c., &c.
8	Belgium . . . . .	Timber, Square, Pine red and white, Maple, Elm, &c., Meats and spars, Deal pine and spruce, Lath wood, Planks and boards, Bass-Wood, &c., Lobster, &c., Salmon canned, Asbestos.
9	Spain . . . . .	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch &c., Masts and spars, Staves, Deals spruce, Planks, boards and Joists, &c.
10	Portugal . . . . .	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, Ash, &c., Bass-Wood, Deal pine spruce, Planks and boards, Staves, Masts and spars, &c., butter, &c.
11	China . . . . .	Cotton fabrics.
12	Norway . . . . .	New Ships built and sold to, Timber, Square, Oak, Elm, &c., &c.
13	Spanish West Indies . . . . .	Wood manufactured and agricultural products.
14	St. Pierre Miquelon . . . . .	New Ships built and sold to, Lumber, Planks and boards, Masts and spars, &c., Flour, Butter, Pork and lard, &c., Biscuits, Tobacco and leathers, boots and shoes, &c.
15	British Australia . . . . .	New Ships built and sold to, Lumber and boards, Pine deals and spruce, Staves, Laths, Palings and Pickets, Wood manufactured, Salmon and Lobster canned, &c.
16	British Africa . . . . .	Lumber, Pine deals and spruce, Planks and boards, Laths, Palings, Staves, Wood manufactured, &c.
17	Brazil . . . . .	Lumber, Pine deals and spruce, Planks and boards, Laths, Joists, Palings, Scantlings, Shooks box and manufactured, Biscuits.
18	British East India . . . . .	New ships built and sold to.
19	Argentine Republic, S.A. . . . .	New ships built and sold to, Lumber, Planks and boards, Pine deals and spruce, Laths, Palings, Scantlings, Masts and spars, Shooks box, Wood manufactured, &c., Salmon and Lobster canned, etc.
20	Uruguay, S. A. . . . .	Timber, Square, Pine, Planks and boards, Laths, Palings and Pickets, Joists, Masts and spars, Shooks box, wood manufactured, &c., Salmon and Lobsters canned, &c.
21	Peru, S. A. . . . .	Timber, Square, Oak, Pine and deal spruce, Planks and boards, Joists, Scantlings, Laths, Palings and Pickets, Staves, Wood manufactured, &c.
22	Gibraltar . . . . .	Timber, Square, Pine red and white, Oak, Elm, Masts and spars, Pine deals and spruce, Planks and boards, Staves, Wood manufactured, &c.
23	Labrador . . . . .	Lumber, Pine deals and spruce, Planks and boards, Wood manufactured, Salt pork, Lard, &c., Butter, Flour, Biscuits, Leather boots and shoes, Tobacco, &c.
24	United States of Columbia . . . . .	Lumber, Planks and boards and wood manufactured.
25	Pay-Sandu, S. A. . . . .	Lumber, Planks and boards, Laths, Palings, Palings and Pickets, Shooks box, &c.
26	Algeria . . . . .	Timber, Square, Oak, Elm, Ash, Pine deals and spruce.
27	Chili . . . . .	Lumber, Pine deals and spruce, Planks and boards, &c.
28	Danish West Indies . . . . .	Lumber, Pine deals and spruce, Wood manufactured, Biscuits.

# PORT OF QUEBEC

## 43 YEARS OF TRADE

STATEMENT of the total value of Imports and Exports of Merchandises in to and from this Port, during forty-three years from 1st January 1874 to 31st December 1916 showing the Countries whence Imported and to which Exported.

Nos.	COUNTRIES	Imports from	Exports from	Total of imports
		1874 to 1916 inclusively 43 years	1874 to 1916 inclusively 43 years	and exports du- ring the last 43 years
1	Great Britain.	134,404,590	285,446,100	419,850,690
2	United States.	113,587,385	16,673,395	130,260,780
3	France.	9,618,667	4,275,117	13,893,784
4	Newfoundland.	392,612	2,525,887	2,928,499
5	British West Indies.	6,107,679	36,850	6,144,529
6	Germany.	6,599,740	487,474	7,087,214
7	Holland.	3,649,460	345,944	3,995,404
8	Belgium.	2,340,168	918,830	3,258,998
9	Spain.	1,595,527	717,641	2,313,168
10	Portugal.	108,381	1,362,261	1,530,642
11	China.	418,083	960,525	1,378,608
12	Norway.	64,985	2,010	64,526
13	Spanish West Indies.	103,505	579,541	683,162
14	St. Pierre Miquelon.	40,646	568,516	609,162
15	British Australia.	38,524	667,428	703,952
16	British Africa.	572,075	313,500	885,575
17	Brazil, S. A.	60,518	241,855	302,373
18	British East Indies.	24,224	5,009	29,233
19	Italy.	457,310	62,894	520,204
20	Japan.	486,659		486,659
21	Turkey in Asia.	535,232		535,232
22	Sicily.	22,310	8,029	30,339
23	Denmark.	30,460		30,460
24	Greece.	72,184		72,184
25	Austria.	287,120	18,266	305,386
26	Asia.	54,508		54,508
27	Switzerland.	389,692	7,347	397,039
28	India Britania.	53,036	3,938	56,974
29	Siamyria in Asia.	92,172		92,172
30	Java.	6,316		6,316
31	Sweden.	50,389	2,160	52,549
32	Buenos Ayers.	100,208	593,081	693,289
33	Argentine Republic.	56	1,174,100	1,174,155
34	Uruguay.	5,594	544,395	549,989
35	Peru, S. A.		277,175	277,175
36	Gibraltar.		211,827	211,827
37	Cuba.	22,504		22,804
38	United States of Columbia		68,036	68,056
39	Pay Sandu, S. A.		25,229	25,229
40	Algeria, Africa.		18,130	18,130
41	Chili.		13,211	13,211
42	Danish West Indies.		237	237
43	Venezuela.	15,015		15,015
44	Porto Rico.	104,250	2,769	107,019
45	Mexico.	2,907	226	3,133
46	Malta Island.		35,290	35,290
47	Coney Island.		26,446	26,446
48	Rio Janeiro.		43,836	43,836
49	Russia.	438,813		462,505
50	Ceylon.	327,498	3,692	327,733
51	Bohemia.	23,028	235	23,628
52	Jamaica.	6,477		6,477
53	East Africa Portuguese		22,132	22,132
54	Arabia.		322	322
55	Persia.		117	117
56	Bulgaria.		7,189	7,189
57	New Zealand.		22,705	22,705
58	British Guina.	1,947		1,947
		283,398,976	319,323,289	602,722,265

Total of trade during 43 years. . . . . \$283,398,976 \$319,323,289 GRAND TOTAL  
Excess of total Exports over Imports. . . . . \$ 35,924,313 \$602,722,265



# PORT OF QUEBEC

Compiled by Wm. G. WILSON, of H. M. Customs

COMPARATIVE STATEMENT OF Vessels entered Inwards and Outwards at the Port of Quebec, showing the number of Vessels, tonnage and Number of men employed, distinguishing the number of Vessels Entered and cleared at Outports, for the year 1911 1912 1913 1914 1915 and 1916.

[illegible]

Port of Origin	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333
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WM. G. WILSON,  
of H. M. Cus-

# Compiled by WM G. WILSON, of H. M. CARTERS. PORT OF QUEBEC.

Summary showing the opening of navigation at the Port of Quebec, from 1832 to 1916 inclusive; also the date of closing thereof during that period.

Retrains of the Number and Tonnage or Seagoing Vessels entered Inwards and Outwards at this Port, from 1850 to 1916.

Years.	INWARDS		OUTWARDS	
	Vessels.	Tonnage.	Vessels.	Tonnage.
Arrivals from Montreal Steamers.	Arrivals from Sea.	Sailed for Sea.		
Date.	Date.	Date.		
1832 April 18	May 29	4 November 20	1850 1860 1870 1880 1890 1900 1910 1916	465801 535427 598123 606123 609728 619712 629251 642017
1833 April 18	May 18	4 November 20	1851 1861 1871 1881 1891 1901 1911 1916	539113 583913 609728 619712 629251 642017 652022 663022
1834 April 18	May 18	4 November 20	1852 1862 1872 1882 1892 1902 1912 1916	609728 619712 629251 642017 652022 663022 674022 685022
1835 May 11	May 11	4 November 20	1853 1863 1873 1883 1893 1903 1913 1916	619712 629251 642017 652022 663022 674022 685022 696022
1836 April 11	May 11	4 November 20	1854 1864 1874 1884 1894 1904 1914 1916	629251 642017 652022 663022 674022 685022 696022 707022
1837 April 25	May 11	4 November 20	1855 1865 1875 1885 1895 1905 1915 1916	642017 652022 663022 674022 685022 696022 707022 718022
1838 April 25	May 11	4 November 20	1856 1866 1876 1886 1896 1906 1916 1916	652022 663022 674022 685022 696022 707022 718022 729022
1839 April 25	May 11	4 November 20	1857 1867 1877 1887 1897 1907 1917 1916	663022 674022 685022 696022 707022 718022 729022 740022
1840 April 25	May 11	4 November 20	1858 1868 1878 1888 1898 1908 1918 1916	674022 685022 696022 707022 718022 729022 740022 751022
1841 April 25	May 11	4 November 20	1859 1869 1879 1889 1899 1909 1919 1916	685022 696022 707022 718022 729022 740022 751022 762022
1842 April 25	May 11	4 November 20	1860 1870 1880 1890 1900 1910 1916 1916	696022 707022 718022 729022 740022 751022 762022 773022
1843 April 25	May 11	4 November 20	1861 1871 1881 1891 1901 1911 1916 1916	707022 718022 729022 740022 751022 762022 773022 784022
1844 April 25	May 11	4 November 20	1862 1872 1882 1892 1902 1912 1916 1916	718022 729022 740022 751022 762022 773022 784022 795022
1845 April 25	May 11	4 November 20	1863 1873 1883 1893 1903 1913 1916 1916	729022 740022 751022 762022 773022 784022 795022 806022
1846 April 25	May 11	4 November 20	1864 1874 1884 1894 1904 1914 1916 1916	740022 751022 762022 773022 784022 795022 806022 817022
1847 April 25	May 11	4 November 20	1865 1875 1885 1895 1905 1915 1916 1916	751022 762022 773022 784022 795022 806022 817022 828022
1848 April 25	May 11	4 November 20	1866 1876 1886 1896 1906 1916 1916 1916	762022 773022 784022 795022 806022 817022 828022 839022
1849 April 25	May 11	4 November 20	1867 1877 1887 1897 1907 1917 1916 1916	773022 784022 795022 806022 817022 828022 839022 850022
1850 April 25	May 11	4 November 20	1868 1878 1888 1898 1908 1918 1916 1916	784022 795022 806022 817022 828022 839022 850022 861022
1851 April 25	May 11	4 November 20	1869 1879 1889 1899 1909 1919 1916 1916	795022 806022 817022 828022 839022 850022 861022 872022
1852 April 25	May 11	4 November 20	1870 1880 1890 1900 1910 1916 1916 1916	806022 817022 828022 839022 850022 861022 872022 883022
1853 April 25	May 11	4 November 20	1871 1881 1891 1901 1911 1916 1916 1916	817022 828022 839022 850022 861022 872022 883022 894022
1854 April 25	May 11	4 November 20	1872 1882 1892 1902 1912 1916 1916 1916	828022 839022 850022 861022 872022 883022 894022 905022
1855 April 25	May 11	4 November 20	1873 1883 1893 1903 1913 1916 1916 1916	839022 850022 861022 872022 883022 894022 905022 916022
1856 April 25	May 11	4 November 20	1874 1884 1894 1904 1914 1916 1916 1916	850022 861022 872022 883022 894022 905022 916022 927022
1857 April 25	May 11	4 November 20	1875 1885 1895 1905 1915 1916 1916 1916	861022 872022 883022 894022 905022 916022 927022 938022
1858 April 25	May 11	4 November 20	1876 1886 1896 1906 1916 1916 1916 1916	872022 883022 894022 905022 916022 927022 938022 949022
1859 April 25	May 11	4 November 20	1877 1887 1897 1907 1917 1916 1916 1916	883022 894022 905022 916022 927022 938022 949022 960022
1860 April 25	May 11	4 November 20	1878 1888 1898 1908 1918 1916 1916 1916	894022 905022 916022 927022 938022 949022 960022 971022
1861 April 25	May 11	4 November 20	1879 1889 1899 1909 1919 1916 1916 1916	905022 916022 927022 938022 949022 960022 971022 982022
1862 April 25	May 11	4 November 20	1880 1890 1900 1910 1916 1916 1916 1916	916022 927022 938022 949022 960022 971022 982022 993022
1863 April 25	May 11	4 November 20	1881 1891 1901 1911 1916 1916 1916 1916	927022 938022 949022 960022 971022 982022 993022 1004022
1864 April 25	May 11	4 November 20	1882 1892 1902 1912 1916 1916 1916 1916	938022 949022 960022 971022 982022 993022 1004022 1015022
1865 April 25	May 11	4 November 20	1883 1893 1903 1913 1916 1916 1916 1916	949022 960022 971022 982022 993022 1004022 1015022 1026022
1866 April 25	May 11	4 November 20	1884 1894 1904 1914 1916 1916 1916 1916	960022 971022 982022 993022 1004022 1015022 1026022 1037022
1867 April 25	May 11	4 November 20	1885 1895 1905 1915 1916 1916 1916 1916	971022 982022 993022 1004022 1015022 1026022 1037022 1048022
1868 April 25	May 11	4 November 20	1886 1896 1906 1916 1916 1916 1916 1916	982022 993022 1004022 1015022 1026022 1037022 1048022 1059022
1869 April 25	May 11	4 November 20	1887 1897 1907 1917 1916 1916 1916 1916	993022 1004022 1015022 1026022 1037022 1048022 1059022 1070022
1870 April 25	May 11	4 November 20	1888 1898 1908 1918 1916 1916 1916 1916	1004022 1015022 1026022 1037022 1048022 1059022 1070022 1081022
1871 April 25	May 11	4 November 20	1889 1899 1909 1919 1916 1916 1916 1916	1015022 1026022 1037022 1048022 1059022 1070022 1081022 1092022
1872 April 25	May 11	4 November 20	1890 1900 1910 1916 1916 1916 1916 1916	1026022 1037022 1048022 1059022 1070022 1081022 1092022 1103022
1873 April 25	May 11	4 November 20	1891 1901 1911 1916 1916 1916 1916 1916	1037022 1048022 1059022 1070022 1081022 1092022 1103022 1114022
1874 April 25	May 11	4 November 20	1892 1902 1912 1916 1916 1916 1916 1916	1048022 1059022 1070022 1081022 1092022 1103022 1114022 1125022
1875 April 25	May 11	4 November 20	1893 1903 1913 1916 1916 1916 1916 1916	1059022 1070022 1081022 1092022 1103022 1114022 1125022 1136022
1876 April 25	May 11	4 November 20	1894 1904 1914 1916 1916 1916 1916 1916	1070022 1081022 1092022 1103022 1114022 1125022 1136022 1147022
1877 April 25	May 11	4 November 20	1895 1905 1915 1916 1916 1916 1916 1916	1081022 1092022 1103022 1114022 1125022 1136022 1147022 1158022
1878 April 25	May 11	4 November 20	1896 1906 1916 1916 1916 1916 1916 1916	1092022 1103022 1114022 1125022 1136022 1147022 1158022 1169022
1879 April 25	May 11	4 November 20	1897 1907 1917 1916 1916 1916 1916 1916	1103022 1114022 1125022 1136022 1147022 1158022 1169022 1180022
1880 April 25	May 11	4 November 20	1898 1908 1918 1916 1916 1916 1916 1916	1114022 1125022 1136022 1147022 1158022 1169022 1180022 1191022
1881 April 25	May 11	4 November 20	1899 1909 1919 1916 1916 1916 1916 1916	1125022 1136022 1147022 1158022 1169022 1180022 1191022 1202022
1882 April 25	May 11	4 November 20	1900 1910 1916 1916 1916 1916 1916 1916	1136022 1147022 1158022 1169022 1180022 1191022 1202022 1213022
1883 April 25	May 11	4 November 20	1901 1911 1916 1916 1916 1916 1916 1916	1147022 1158022 1169022 1180022 1191022 1202022 1213022 1224022
1884 April 25	May 11	4 November 20	1902 1912 1916 1916 1916 1916 1916 1916	1158022 1169022 1180022 1191022 1202022 1213022 1224022 1235022
1885 April 25	May 11	4 November 20	1903 1913 1916 1916 1916 1916 1916 1916	1169022 1180022 1191022 1202022 1213022 1224022 1235022 1246022
1886 April 25	May 11	4 November 20	1904 1914 1916 1916 1916 1916 1916 1916	1180022 1191022 1202022 1213022 1224022 1235022 1246022 1257022
1887 April 25	May 11	4 November 20	1905 1915 1916 1916 1916 1916 1916 1916	1191022 1202022 1213022 1224022 1235022 1246022 1257022 1268022
1888 April 25	May 11	4 November 20	1906 1916 1916 1916 1916 1916 1916 1916	1202022 1213022 1224022 1235022 1246022 1257022 1268022 1279022
1889 April 25	May 11	4 November 20	1907 1917 1916 1916 1916 1916 1916 1916	1213022 1224022 1235022 1246022 1257022 1268022 1279022 1290022
1890 April 25	May 11	4 November 20	1908 1918 1916 1916 1916 1916 1916 1916	1224022 1235022 1246022 1257022 1268022 1279022 1290022 1301022
1891 April 25	May 11	4 November 20	1909 1919 1916 1916 1916 1916 1916 1916	1235022 1246022 1257022 1268022 1279022 1290022 1301022 1312022
1892 April 25	May 11	4 November 20	1910 1920 1916 1916 1916 1916 1916 1916	1246022 1257022 1268022 1279022 1290022 1301022 1312022 1323022
1893 April 25	May 11	4 November 20	1911 1921 1916 1916 1916 1916 1916 1916	1257022 1268022 1279022 1290022 1301022 1312022 1323022 1334022
1894 April 25	May 11	4 November 20	1912 1922 1916 1916 1916 1916 1916 1916	1268022 1279022 1290022 1301022 1312022 1323022 1334022 1345022
1895 April 25	May 11	4 November 20	1913 1923 1916 1916 1916 1916 1916 1916	1279022 1290022 1301022 1312022 1323022 1334022 1345022 1356022
1896 April 25	May 11	4 November 20	1914 1924 1916 1916 1916 1916 1916 1916	1290022 1301022 1312022 1323022 1334022 1345022 1356022 1367022
1897 April 25	May 11	4 November 20	1915 1925 1916 1916 1916 1916 1916 1916	1301022 1312022 1323022 1334022 1345022 1356022 1367022 1378022
1898 April 25	May 11	4 November 20	1916 1926 1916 1916 1916 1916 1916 1916	1312022 1323022 1334022 1345022 1356022 1367022 1378022 1389022
1899 April 25	May 11	4 November 20	1917 1927 1916 1916 1916 1916 1916 1916	1323022 1334022 1345022 1356022 1367022 1378022 1389022 1400022
1900 April 25	May 11	4 November 20	1918 1928 1916 1916 1916 1916 1916 1916	1334022 1345022 1356022 1367022 1378022 1389022 1400022 1411022
1901 April 25	May 11	4 November 20	1919 1929 1916 1916 1916 1916 1916 1916	1345022 1356022 1367022 1378022 1389022 1400022 1411022 1422022
1902 April 25	May 11	4 November 20	1920 1930 1916 1916 1916 1916 1916 1916	1356022 1367022 1378022 1389022 1400022 1411022 1422022 1433022
1903 April 25	May 11	4 November 20	1921 1931 1916 1916 1916 1916 1916 1916	1367022 1378022 1389022 1400022 1411022 1422022 1433022 1444022
1904 April 25	May 11	4 November 20	1922 1932 1916 1916 1916 1916 1916 1916	1378022 1389022 1400022 1411022 1422022 1433022 1444022 1455022
1905 April 25	May 11	4 November 20	1923 1933 1916 1916 1916 1916 1916 1916	1389022 1400022 1411022 1422022 1433022 1444022 1455022 1466022
1906 April 25	May 11	4 November 20	1924 1934 1916 1916 1916 1916 1916 1916	1400022 1411022 1422022 1433022 1444022 1455022 1466022 1477022
1907 April 25	May 11	4 November 20	1925 1935 1916 1916 1916 1916 1916 1916	1411022 1422022 1433022 1444022 1455022 1466022 1477022 1488022
1908 April 25	May 11	4 November 20	1926 1936 1916 1916 1916 1916 1916 1916	1422022 1433022 1444022 1455022 1466022 1477022 1488022 1499022
1909 April 25	May 11	4 November 20	1927 1937 1916 1916 1916 1916 1916 1916	1433022 1444022 1455022 1466022 1477022 1488022 1499022 1510022
1910 April 25	May 11	4 November 20	1928 1938 1916 1916 1916 1916 1916 1916	1444022 1455022 1466022 1477022 1488022 1499022 1510022 1521022

# PORT OF QUEBEC

STATEMENT of the quantity and value of Merchandise imported into this port during the year ending 31st December 1916 showing the Countries whence imported. Also a comparative Statement of the previous year 1915.

N.	MERCHANDISE	Unit of Quantity	1916		1915		Great Britain		United States		France	Holland	Belgium	Spain	Japan	China	Italy	Portugal	Norway	Australia	British Guiana	Cuba	Switzerland	Denmark	Sweden	British India	Ceylon	Newfoundland	Java	Greece	Jamaica	British West Indies	Mexico	Nos	Total Imports 1915	Total Imports 1916		
			Total Quantity	Total Value	Total Quantity	Total Value	Total Quantity	Total Value	Total Quantity	Total Value	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
1	Animals of all kinds.	No	2,269	48,934	26,670	22,264																												1	20,409	48,934		
2	Books and papers of all kinds.	\$		176,464	9,925	138,769					20,519		475																						2	145,684	176,464	
3	Buttons, brushes and combs.	\$		32,311	3,006	28,668					305				332		684						92												3	23,024	32,311	
4	Brass and copper, manufactured or not.	\$		732,517	2,209	713,119					15,804	560																825							4	314,181	732,517	
5	Coal of all kinds.	Tons	406,712	767,862	945	766,917																													5	633,934	767,862	
6	Cement portland.	Bags																																	6	136		
7	Coffee, green or roasted.	Lbs	9,984	1,916		190																							1,360		366				7	8,108	1,916	
8	Carpets of all kinds.	Yds	61,208	22,586	21,692	894																													8	15,601	22,586	
9	Cotton fabrics and manufactures of all kinds.	\$		757,299	401,267	346,511	1,301										596						7,385						187				32	904,247	757,299			
10	Drugs, dyes, essential oils, etc.	\$		209,239	31,341	171,078	3,840																												10	105,133	209,239	
11	Earthenware of all kinds.	\$		120,850	62,104	51,078	1,397	5,933									438																		11	93,525	120,850	
12	Fancy goods and toys.	\$		31,060	1,929	29,094	40																												12	22,600	31,060	
13	Fruits of all kinds.	\$		217,632	3,282	207,285	844							5,136			474													611					13	210,802	217,632	
14	Furs of all kinds, dressed, raw and manufactured.	\$		252,958	28,134	195,848	28,003														973														14	204,775	252,958	
15	Glass of all kinds.	\$		128,930	2,239	125,466	670	436	98								21																		15	88,279	128,930	
16	Gutta percha, India rubber manufactures of boots, clothing, etc., etc.	\$		74,076	9,621	64,135	320																												16	27,623	74,076	
17	Grain of all kinds.	Bush	80,100	47,784	47,784																															17	123,080	47,784
18	Hats, caps and bonnets of all kinds.	\$		50,008	32,053	16,564	515										876																		18	49,254	50,008	
19	Hops.	Lbs	46,201	6,965	265	6,700																														19	4,631	6,965
20	Hides, raw salted and dry.	\$		370,396	98,866	260,453																2,077													20	160,101	370,396	
21	Iron and steel of all kinds, manufactured or not.	\$		6,172,509	119,541	6,045,136	213																													21	2,735,119	6,172,509
22	Pig iron.	Tons	1,470	40,735															46																22	4,253	40,735	
23	Jewellery, plated ware gold and silver.	\$		63,879	14,355	46,104	2,821																												23	50,116	63,879	
24	Leather of all kinds manufactured or not.	\$		566,058	30,096	535,938																	599												24	305,666	566,058	
25	Meats of all kinds.	Lbs	2,974,891	340,030		340,030																													25	212,073	340,030	
26	Tobacco, leaf manufactured.	Lbs	615,065	150,731		147,178							3,553																						26	140,581	150,731	
27	Lumber and timber.	\$		666,357		666,357																													27	462,483	666,357	
28	Molasses and syrups of all kinds.	Galls	1,124,393	323,801		1,250																													28	177,727	323,801	
29	Oils of all kinds.	Lbs	798,034	126,271	2,412	121,747	1,972																												29	84,950	126,271	
30	Seeds of all kinds.	Lbs	605,060	69,357	162	69,135	60																												30	21,940	69,357	
31	Oil cloth of all kinds.	Yds		37,858	12,165	10,946																													31	86,886	12,165	
32	Silk of all kinds.	Tons	12,842	95,173	63,158	32,015																													32	129,110	95,173	
33	Silk and ribbon of all kinds, manufactured or not.	\$		142,992	75,845	49,238	14,183								3,546																				33	55,391	142,992	
34	Spices ground and unground.	Lbs	40,025	7,004	7,004																														34	5,717	7,004	
35	Spirits of all kind.	Galls	113,549	216,247	57,339						87	231,655	335	2,271			405					1,947													35	183,912	216,247	
36	Sugar of all kinds.	Lbs	1,087,775	42,453																															36	20,671	42,453	
37	Ten of all kind.	Lbs	430,075	90,526	18,949																														37	74,030	90,526	
38	Tin plates, tin in blocks and bars.	Cwt	3,463	30,587	1,070	29,517																													38	16,312	30,587	
39	Wines of all kinds.	Galls	43,924	43,323	1,550	91								27,140			1,419	5,156																	39	31,641	43,323	
40	Wool of all kinds, and manufactures of all kinds.	Lbs		308,333	310,990	26,135																													40	273,901	308,333	
41	Raw Cotton.	Lbs	8,912,132	1,244,473		1,244,473																													41	379,070	1,244,473	
42	Settlers effects.	\$		383,304	320,930	62,374																													42	379,070	383,304	
43	Other articles.	\$		1,850,827	176,032	1,605,173					32,667				3,587	656	1,698	6,723	1,116	199			358		5,639		52		14,418		20		1,589	1,448,371	1,850,827			
	Total.			17,127,084	1,979,824	1,414,296	534				227,837	76,017	37,338	131,285	3,691	10,185	1,726	6,272	245		973	1,947	2,135	8,314	5,139	7,291	52,38,955	15,720	1,360	611	1,226	365,116	1,589	10,663,787	17,127,084			

Compiled by J. A. BELLEAU of H. M. Customs.

# PORT OF QUEBEC

Comparative statement showing the total value of merchandise imported and the duty collected in each month during the Calendar year 1916 compared with the same month of the previous year 1915.

MONTHS	Exports		Imports		Duty Collected	
	1915	1916	1915	1916	1915	1916
January			537,157	983,443	\$ 177,210.71	\$ 193,804.57
February			576,357	899,269	146,885.48	152,651.36
March			700,608	1,212,848	132,805.33	192,742.01
April		109,649	484,641	1,320,109	116,394.13	160,375.03
May	152,637	43,750	990,572	1,729,029	142,284.11	230,591.53
June	178,285	194,222	949,289	1,755,747	162,269.92	222,393.63
July	299,752	782,362	1,002,307	1,949,754	179,238.35	229,050.52
August	913,096	842,176	1,029,257	1,781,032	191,028.45	235,869.52
September	505,888	654,794	994,559	1,352,364	190,506.31	208,476.97
October	885,764	579,585	1,103,455	1,302,276	202,506.67	224,183.99
November	452,221	8,642,537	1,252,346	1,388,451	221,182.08	227,299.19
December	553,660	979,211	1,043,239	1,452,762	234,654.22	277,456.31
Total	3,941,303	12,828,286	10,663,787	17,127,084	2,096,965.76	2,551,894.61
Increase	\$ 8,886,983		Increase... \$ 6,463,297		Increase \$ 457,928.85	

# PORT OF QUEBEC

RECAPITULATION of the total imports for the year ending 31st December 1916 Showing the Countries whence imported with a comparative Statement of the previous year 1915.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1915	1916	1916	1916
		\$	\$	\$	\$
1	Great Britain	1,721,357	1,979,824		258,467
2	United States	8,240,817	11,296,554		3,055,737
3	British West Indies	198,557	399,115		199,558
4	France	259,752	227,857	31,895	
5	Germany	1,879	1,879		
6	Holland	79,227	76,417	2,810	
7	Belgium	1,488	755	713	
8	Spain	35,310	38,331		3,021
9	Japan	26,111	28,369		2,258
10	Newfoundland	28,991	15,129	13,862	
11	Italy	11,115	11,721	606	
12	China	3,119	19,187		16,068
13	Portugal	7,562	6,272	1,290	
14	British Guiana	1,947	1,947		
15	Norway	3,562	245	3,317	
16	Java	1,111	1,111		
17	Cuba	1,299	2,117		818
18	Greece	12,464	611	11,853	
19	Switzerland	12,863	8,314	4,549	
20	Sweden	109	7,291		7,182
21	Mexico		1,589		1,589
22	Denmark	1,926	5,119		3,193
23	British India	549	52	497	
24	Ceylon	16,587	38,956		22,369
25	Jamaica	702	1,226		524
26	Australia	10,875	973	9,902	
27	Bulgaria	7,189	7,189		
28	Brazil	7,517	7,517		
Total		10,663,787	17,127,084	\$ 94,435	\$ 6,557,732

# PORT OF QUEBEC

STATEMENT of the Quantity and Value of the Principal Merchandise Exported from this Port during the Year ending 31st December 1916 showing the countries to which Exported to Also a Comparative Statement of the Previous Year 1915

Nos.	ARTICLES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Spain	Newfoundland	Nos.	Total Exports 1915	Total Exports 1916
			\$	\$	\$	\$	\$	\$	\$			
1	Asbestos.....	Tons								1	76,900	
2	Animals.....	Nos	1,908	284,950			284,950			2	175,000	284,950
3	Apples.....	Bris	2	14	14					3	3,417	14
4	Bacon and ham.....	Lbs	129,800	19,470	19,740					4	26,307	19,470
5	Cod Fish.....	Cwt	30,553	121,974		91,015			30,959	5	3,200	121,974
6	Fu.s.....	\$		1,395	1,366	29				6	1,1	1,395
7	Flour of all kinds.....	Bris	330	1,500	1,500					7	66,577	1,500
8	Herrings.....	Cwt	12,750	12,750		12,750				8	13,964	12,750
9	Lobster.....	Lbs	2,075	924			924			9	1,750	924
10	Leather of all kinds.....	\$		2,475	2,475					10	69	2,475
11	Meats, pork lard, and beef.....	Lbs	30,600	8,500	8,500					11		8,500
12	Papers of all kinds.....	\$								12	24,955	
13	Oats.....	Bush	632,562	397,998			397,998			13		397,998
14	Salmon, fresh and preserved.....	Lbs	12,312	1,847	1,847					14	2,930	1,847
15	Other articles.....	\$		8,254,565	8,240,916	371	9,248		4,030	15	96,208	8,254,565
16	Lumber, pine deals.....	Sd Hund.	14,521	15,126	15,126					16	15,511	15,126
17	" spruce deals.....	"	19,504,35	1,113,934	1,113,934					17	1,000,812	1,113,934
18	" all others.....	"	1,086,068	34,064	34,064					18	28,704	34,064
19	planks and boards.....	Sd Hund.	5,772	5,155	5,155					19	36,198	5,155
20	Wood pulp.....	Tons	124,362	1,351,106	291,479	717,381	310,046	32,200		20	1,429,844	1,351,106
21	Pulp wood.....	Tons	59,016	464,651		464,651				21	190,724	464,651
22	Square timber, Ash.....	Tons	1	33	33					22	1,881	33
23	" " Birch.....	"	2,743	41,646	41,646					23	90,391	41,646
24	" " Elm.....	"	7,828	307,743	295,069		12,684			24	162,238	307,743
25	" " Maple.....	"								25	690	
26	" " Oak.....	"	8,239	236,405	236,405					26	139,332	236,405
27	" " Red pine.....	"								27	4,404	
28	" " Pine white and waney.....	"	2,141	89,930	89,930					28	285,221	89,939
29	" " all others.....	"								29	10,723	
30	Manufactures of wood of all kinds.....	\$		60,122	60,122					30	44,200	60,122
Total				12,829,280	10,459,050	1,286,197	1,015,850	32,200	34,989		3,941,303	12,828,286

All goods exported by Land from this Port to Foreign Countries are not taken into account here, but at the Port of Exit from Canada. The above figures therefore only show the Quantity and Value of goods exported by water. The value of the goods exported by Land is much more considerable than those exported by water.

Compiled by J. A. BELLEAU, of H. M. C.

## PORT OF QUEBEC

RECAPITULATION of the total exports for the year ending 31st December 1916 showing the Countries to which exported; with a comparative Statement of the previous year 1915.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1915	1916	1916	1916
1	Great Britain.....	\$ 2,215,232	\$ 10,459,050		\$ 8,243,818
2	United States.....	970,763	1,286,197		315,434
3	France.....	703,387	1,015,850		312,463
4	Spain.....		32,200		32,200
5	Germany.....	795		795	
6	Newfoundland.....	25,350	34,989		9,639
7	Australia.....	171		171	
8	New Zealand.....	22,705		22,705	
9	South Africa British.....	2,900		2,900	
	Total.....	\$ 3,941,303	\$ 12,828,286	\$ 26,571	\$ 8,913,554
	Total increase.....				\$ 8,886,983

## PORT OF QUEBEC

STATEMENT of the Quantity and Value of Lumber, Meats, etc., imported from United States in transitu to this Port and exported to Great Britain by Steamers during the Summer, 1916.

### GREAT BRITAIN

ARTICLES	Unit of Quantity	Quantity 1915	Quantity 1916	Value 1915	Value 1916
Meats canned, etc.....	Lbs	1,499,838	31,240	\$ 152,352	\$ 4,686
Lumber.....	"			2,028	
Other articles.....	\$			29,935	52,331
Total.....				\$ 184,315	\$ 57,017
Total decrease.....					\$ 127,298







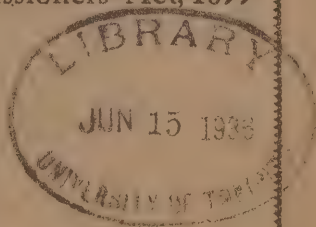
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QUEBEC HARBOUR  
COMMISSIONERS' REPORT

FOR THE YEAR 1917

Under The Quebec Harbour Commissioners' Act, 1899



QUEBEC

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QUEBEC HARBOUR  
COMMISSIONERS' REPORT  
FOR THE YEAR 1917

Under The Quebec Harbour Commissioners' Act, 1899

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# OFFICERS OF THE QUEBEC HARBOUR COMMISSION

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## COMMISSIONERS

HON. D. O. L'ESPERANCE, CHAIRMAN

A. S. GRAVEL, D. H. PENNINGTON.

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CHARLES SMITH, K.C., *Secretary-Treasurer*

---

ST-GEORGE BOSWELL, M. INST., C. E., *Chief Engineer  
and General Supt.*

---

W. V. TAYLOR, *General-Assistant Engineer.*

---

A. C. FELLOWS, *Assistant Engineer.*

---

CAPT. THOS. MCCOUGH, *Acting Harbour Master.*

CAPT. ANGUS BAKER, *Assistant Harbour Master.*

---

E. H. S. WOODSIDE, *Accountant.*

---

W. A. MOUNTAIN, *Cost Clerk and Act'g Accountant.*

---

JOHN STAIN, *Cashier and Chief Clerk.*

LAURENT DARVEAU, *Assistant Cashier.*

---

E. GERARD HAMEL, *Assistant-Secretary.*

---

A. F. DION, *Traffic Manager.*

---

F. R. HILL, *General Foreman.*

---

G. H. BOURDON, *Purchasing Agent.*

---

P. KERWIN, *Chief Clerk, Construction Department*

---

A. LETELLIER, *Wharfinger.*

---

P. FLYNN, *Ass't Wharfinger.*

# QUEBEC HARBOUR COMMISSIONERS' REPORT FOR THE YEAR, 1917.

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Quebec, January, 2nd, 1918

To The Honourable C. C. Ballantyne,  
Minister of Marine and Fisheries,  
Ottawa.

Sir,—

In compliance with the requirements of the Act 62-63 Victoria, Chapter 34, (The Quebec Harbour Commissioners' Act), I have the honor to submit the following report on the operations of the Quebec Harbour Commission for the year 1917.

## *Chief Engineer's Report*

The annexed report of the Chief Engineer, Mr. St-George Boswell, conveys information regarding all matters coming under his care, in connection with the Harbour works in general, and the various additions and repairs made to the Commissioner's property.

## *Harbour Master's Report*

The annexed report, prepared by the Assistant Harbour Masters, owing to the death of Lieut-Commander Murray, Harbour Master, in December last, contains the usual data concerning the opening and closing of navigation, and the routine work of that Department.

## *Wharfinger's Report*

The annexed report of the Wharfinger gives the usual information regarding the number of vessels using the Louise Docks, the goods landed on or shipped from the wharves, and the railway traffic over the Commissioners' property during the past year.

### *Premises Leased*

The Quebec Harbour Commissioners have leased, during the past year, to the Quebec Ship-building & Repair Company, a certain tract of land on the Louise Embankment, for the construction of wooden ships. Two keels have already been laid, and the construction work is progressing satisfactorily.

### *Grain Elevator*

A new storage Annex to the Commissioners' Grain Elevator No. 2 has been built during the past year, bringing the total storage capacity of that Elevator to 2,000,000 bushels.

### *Landing Sheds and Grain Galleries*

The first of the two Landing Sheds, 1,000 feet long by 104 feet wide, along the Northern face of Louise Embankment, with 1,000 lineal feet of four Dock Front Grain Loading Gallery, two feeding two-belt Galleries from Elevator No. 2, and four travelling Grain Loaders have been built in 1917, and will be completed for the opening of navigation in the Spring of 1918.

### *Cars Handled*

During last year 43,590 cars have been handled by the Commissioners' locomotives, namely:

Loaded Cars Received.....	13,304
Loaded Cars Forwarded....	14,825
Empty Cars Received.....	8,541
Empty Cars Forwarded....	6,920

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Total.....43,590

Of this number of cars, the Car Ferry has handled 13,544.

*Revenue of the Quebec Harbour Commission.*

The revenue of the Quebec Harbour Commission, for the year 1917, has been \$267,812.68, being a decrease of \$14,514.78, as compared with the revenue of 1916.

The Quebec Harbour Commissioners have used their best endeavours, during the past year, towards obtaining for the Port of Quebec its just share of the immense traffic which has been carried from this Country to the other side of the Atlantic, a large part of which has been diverted to American Ports.

Without discriminating against any other Port, but in view of the fact that under the present war conditions when the Empire's fate is at stake, the ships are becoming scarcer every day, the Commissioners are of opinion that if some of the ocean-going ships were using the Port of Quebec, which is 500 miles nearer to Liverpool than New York, they would thereby be in a position to make a few additional voyages across the Atlantic, during navigation season, by saving a few days on the return trip.

The Commissioners had several interviews with representatives of Steamship Companies plying the St. Lawrence route, and after going thoroughly into the matter, they were in a position to inform the interested parties that the cost per ton for loading and unloading full cargoes at Quebec, during navigation season of 1917 would not exceed the cost at other Ports.

It is to be regretted that these offers were not taken advantage of, and that in spite of its modern equipment and increased shipping facilities, the Harbour of Quebec has been practically ignored in 1917.





Photo. of Mr. Eug. M. Finn

The Quebec Bridge



### *The Quebec Bridge*

The placing in position of the Centre span of the Quebec Bridge over the St. Lawrence, completed on the 20th of September, 1917, is an event of such importance that it deserves more than a mere mention. It marks the accomplishment of the greatest engineering feat of the 20th Century.

The value of the Quebec Bridge to Canada, and to Quebec in particular is far reaching and almost unlimited. It is the connecting link between the Lower Provinces and the Great West.

The Bridge consists of two approach spans (110 and 157 feet respectively), a North anchor arm 515 feet long, a North Cantilever arm 580 feet long, a Suspended Span 640 feet long, a South Cantilever arm 580 feet long, a South Anchor arm 515 feet long, and a South approach 140 feet long. Its total length is 3,240 feet.

The distance between the main piers, i-e the length of the Channel span is 1800 feet. It is the longest span in the world.

The width of the Bridge, from centre to centre of the trusses is 88 feet, and from outside to outside of trusses, 100 feet. It is 175 feet above low water.

The first freight train passed over the Quebec Bridge on October 17th, 1917, and on January 6th, 1918, it was formally opened for passenger train traffic.

The completion of the Quebec Bridge has put Quebec City and District in direct communication by rail with the South Shore of the St. Lawrence and the United States. It has rendered possible the entrance of the many railways, running heretofore on the South Shore, into Quebec City whose docks and shipping facilities can be used to their best advantage.

### *Convention of Port Authorities*

Following the invitation extended by the American Association of Port Authorities, the Chairman of the Quebec Harbour Commission has attended the Sixth Annual Convention of that body held in Cleveland, Ohio, from September 11th to September 14th, 1917.

Several matters of importance were discussed during the sittings of the Convention, such as the interchange of traffic between Canadian and American Ports. Harbour Construction and Port Planning, etc.

An inspection was made of Cleveland's River and Harbour, and also of the extensive plant for the handling of cargoes, which proved very instructive and interesting.

On the return trip, a similar visit was made of the Port of Buffalo, and of its thirty or more Grain Elevators.

The Chairman of the Quebec Harbour Commission had the honor of being elected a Member of the Board of Directors of the American Association of Port Authorities, which will hold its next Annual Convention at Boston, Mass.

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The Commissioners were also represented at the sittings of the Board of Grain Commissioners for Canada, which were held at Winnipeg on August 31st, and September 1st, 1917.

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The Commissioners deeply regret to record that Lieut.-Commander Jas. A. Murray, R.N.V.R., Harbour Master, died at Halifax, N. S., on the 6th of

December last, while on active service for his King and Country, having been a victim of the Halifax Catastrophe.

The Commissioners are pleased to express their full appreciation of Lieut.-Commander Murray's genuine qualities and untiring devotion to duty, while in their service as Harbour Master.

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To this report are annexed the various statements conveying the information yearly forwarded to your Department in connection with the Harbour, and also a complete statement of the Commissioners' accounts for the year 1917.

I have the honor to be,

Sir,

Your obedient servant,

D. O. L'ESPERANCE,  
*President.*

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## CHIEF ENGINEER'S REPORT

Quebec, January 2nd, 1918.

CHARLES SMITH, Esq.  
Secretary-Treasurer,  
Harbour Commission,  
Quebec.

Sir,—

I have the honour to submit the following, with reference to the various works of maintenance and improvement carried on during the year ending December 31st, 1917.

### *Quay Wall, River St. Charles*

This new frontage has now been completed with the exception of some grading and wharf planking at Western End still remaining to be done. The total frontage in the Basin, on the Northern side of the Louise Embankment, having a depth of water of 35 feet at Low Tide, now available for use, amounts to 4250 lineal feet.

### *Landing Sheds*

The first of the two Landing Sheds, 1000 feet long by 104 feet wide, to be erected on the new frontage along the Northern face of the Princess Louise Embankment, will be completed ready for the opening of navigation in the Spring of 1918, with 1,000 lineal feet of four belt Dock Front Grain loading Gallery, two feeding two-belt galleries from Grain Elevator No. 2 and four travelling grain loaders; six hundred feet of this Shed was made use of during the past Season for the reception of cargoes. A contract for the installing of electric lights in this Shed was awarded last June, and the work was completed during the past Summer.





Q. H. C. Grain Elevator





A contract for the construction of a second fire-proof Landing Shed 775 feet by 75 feet, to be situated on the new Northern Dock front, with 1,000 lineal feet of Dock Front grain Galleries, was awarded by the Commissioners last June; the foundations for this building have now been completed, so that the erection of the steel work and installing of machinery should be completed during 1918.

Two branch water mains, with hydrants and stand pipes and a total length of piping of 940 feet, have been laid down to the new Dock front and Shed "B".

### *Grain Elevator*

A contract was awarded in April last for the construction of a 1,000,000 bushels storage Annex to the Commissioners Elevator No. 2, this Annex has now been completed. In connection with this Annex a bagging outfit is now being installed, as it has been found that the present bagging arrangements were insufficient to meet the requirements.

For fire protection a water Sprinkler system has been installed in the Marine Tower.

Some 3,400 lineal feet of permanent Railway Lines for serving the new Northern Quay Front, have been laid down, and 1,000 feet of track for carrying Gantry Cranes; one of these Gantry Cranes has been installed and a second one is to be delivered next March, so as to be erected ready for use on the opening of Navigation next Spring.

### *Dredging*

The dredging during the past season consisted principally in the grading down to 35 feet below Low Water of the Basin to the North of the Louise Embankment; this work was done by the Commissioners' bucket ladder Dredge No. 2, and consisted

in the removal of 211,500 cubic yards of materials, of which 39,000 cubic yards have been used as filling material.

The Suction Dredge was not put into service during the past Season.

To make room for the New Landing Shed "A" the Comissioners Store No. 28 has been removed to a new site, and has been converted into a general Storage Shed; the brick building No. 2 has been fitted up to serve as the Store, and all articles in stock have been transferred to it.

A 150 ton capacity car scale has been installed on the Embankment, to replace the 50 ton scale which, owing to the increase in the weight of cars, was no longer serviceable.

The "Courcelette" and the Dredge No. 1 were placed in the Levis Graving Dock for the winter of 1916-17, and were there scraped and painted.

The Grain Transfer boat and the Bucket Ladder Dredge were docked in the Spring, for scraping and painting.

The mill at Indian Cove and the Quarry at Victoria Cove, have not been operated during the past Season.

The following minor repairs have been effected:

The damage caused to the Tug "Aviso" by fire has been repaired.

Store No. 11 has been painted and repaired.

The Gallery connecting the Marine Tower with the Elevator has been painted.

The Landing Sheds, roadways, railway lines and other properties of the Commission have been kept in a good state of repair.

The Cross-Wall Draw Bridge was operated for the first time the past Season, on April 26th, and for the last time on December 8th. The water was retained in the Wet Dock for the first time for the Season on May 2nd, and for the last time on Dec. 5th.

I have the honour to be,

Sir,

Your obedient servant,

ST. GEORGE BOSWELL,  
*Chief Eng. & General Supt.*

## HARBOUR MASTER'S REPORT.

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Quebec, January 2nd, 1918.

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Harbour Commission,  
Quebec,

Sir:—

We have the honour to submit reports showing the gross tonnage of ocean, coasting and lake steamers landing at the Commissioners' wharves, during the seasons of navigation of 1913, 1914, 1915, 1916 and 1917, also summaries covering these dates.

April 2nd, Schooner "Montmorency" from Tadousac arrived.

April 3rd, Schooner "Germain" from Coudre Island arrived.

April 4th, SS. "Druid" left for below.

April 4th, Schooners "O. Caron" and "St. Cerise" left for Murray Bay.

April 9th, Steam Schr. "A. Tremblay" left for Matane.

April 15th, SS. "Percesien" left for the Gulf Ports.

April 20th, SS. "Gaspesien" left for North Shore and Gaspé.

April 21st, The St. Charles Basin free of ice.

April 21st, SS. "Savoy" left for Anticosti.

April 24th, S. Bge. "Howard W." left for Montreal, first boat.

April 25th, The examination Service for the Port commenced.

April 25th, SS. "Percesien" left for Montreal from the Gulf.





April 26, SS. "Savoy" arrived from Anticosti, first trip.

April 27, S. Bge. "Easton" first lake boat arrived from Montreal and left April 29th for North Shore.

April 30th, First Atlantic Liner SS. "Cassandra" from Glasgow arrived.

Sept. 17th, The placing in position of the Centre Span of the Quebec Bridge was commenced on this date and was completed on Sept. 20th.

Nov. 17, Last Atlantic Liner SS. "Scandinavian" from Liverpool arrived.

Nov. 26th, Naval Examinatoin Service closed.

Dec. 2nd, SS. "Singapore" left for oLndon.

Dec. 5th, Pilot Steamer "Eureka" arrived from Rimouski.

Dec. 5th, SS. "Savoy" arrived from North Shore.

Dec. 6th, SS. "Gaspesien" left for Gaspé.

Dec. 21st, SS. "Sicoa" left for Halifax.

We have the honour to be,

Sir,

Your obedient servants,

CAPT. THOS. MCGOUGH,

CAPT. ANGUS BAKER,

*Assistant Harbour Masters.*

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# RECORD OF ARRIVALS AT THE PORT OF QUEBEC, 1917.

Month	COASTING VESSELS				OCEAN VESSELS				OCEAN VESSELS		Vessels for the Total month	Total Gross Tonnage per month
	From Seawards		From Montreal and the Lakes		Inwards		Calling from Montreal		No. of Vessels			
	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels				
April	.....	...	.....	...	8,135	1	.....	...	...	8,135		
May	5,388	12	22,681	22	198,602	24	27,325	9	67	253,996		
June	5,297	6	36,278	23	38,147	22	49,827	14	65	129,549		
July	21,918	18	77,632	45	114,772	25	110,521	17	105	324,843		
Aug.	32,379	33	59,555	39	258,780	29	120,935	24	125	471,649		
Sept.	34,697	30	47,017	28	112,319	19	297,180	18	96	491,213		
Oct.	9,681	19	36,092	30	121,950	15	66,136	16	80	233,859		
Nov.	6,868	16	52,806	30	104,274	16	16,242	26	88	180,190		
Dec.	4,755	8	23,435	12	4,154	2	39,096	34	56	71,440		
	120,983	142	355,496	229	961,133	153	727,262	158	681	2,164,874		

Total Tonnage for Season 1917:—2,164,874 Tons.

The unusual amount of Tonnage from Montreal is due to the Government shipments.



# PORT OF QUEBEC—RECORD OF SHIPPING ARRIVALS—1917.

	Number of Vessels.	Gross Tonnage.
Coasting vessels from seawards.....	142	120,983 Tons.
Coasting vessels from Montreal and Lake Boats.....	229	353,496 “
Ocean Steamships—Inwards .....	152	961,133 “
Ocean Steamships—Outwards from Montreal.....	158	727,262 “
	—	—
	681	2,164,874 “

Total Tonnage for 1917: 2,164,874.

The unusual large amount of tonnage from Montreal is due to the government shipments.

# SUMMARY OF THE NUMBER OF GROSS TONNAGE OF VESSELS ARRIVING AT THE PORT OF QUEBEC, 1913, 1914, 1915, 1916, 1917.

Year	COASTING VESSELS			OCEAN VESSELS			Total Vessels for the year	Gross Tonnage for the year	
	From Seawards	From Montreal and the Lakes		Inwards	Calling from Montreal Outwards				
		Gross Tonnage	No. of Vessels		Gross Tonnage	No. of Vessels			
1913.	224,536	151	163,323	131	2,318,266	353	637,329	78	3,843,454
1914.	217,728	137	156,950	119	2,134,861	259	1,131,874	140	3,641,413
1915.	174,488	151	268,938	180	1,949,955	152	404,521	69	1,891,813
1916.	95,614	112	244,990	182	944,161	151	796,493	147	2,081,148
1917.	120,983	142	355,496	229	951,133	153	737,262	158	2,164,874

## WARFINGER'S REPORT

Quebec, January 2nd, 1918.

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Quebec Harbour Commission,  
Quebec.

Sir:—

I have the honour to submit the following with reference to the traffic on the St-Charles Docks and wharves, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from the docks during season, 1917.

*Inwards 323 Vessels—661,332 Tons Register.*

7,663	Tons	General Cargo.
2,564	"	Clay.
719	"	Brick.
268	"	Earthenware.
10,878	"	Salt.
294	"	Whiting.
177	"	Drain Pipes.
264,047	"	Bituminous Coal.
58,647	"	Anthracite Coal.

*Outwards 92 Vessels—333,859 Tons Register.*

31,514	Tons	General Cargo.
1,950	"	50 Steel Barges in Parts.
66	"	Hay.
6,213	Loads	Timber.
4,653	P.S.	Lumber.
682	P.S.	Spoolwood.

12 Motor Launches.  
738 Horses and Mules.

*Lower Port Steamers.*

96 Vessels.

Landed 801 Tons General Cargo.  
Shipped 2721 Tons General Cargo.

2103 Tons of Oats have been stored in Shed No. 25 for the Department of Agriculture during this season, awaiting shipment.

*Vessels Damaged and Using the Docks.*

The SS. "Korana" collided with SS. "Royal Transport" off North end Pier No. 1, and after being repaired at No. 27 Shed, proceeded to Sea.

The SS. "Royal Transport" went to Levis Dry Dock for repairs, and went to Montreal to take her cargo.

The SS. "Kilbergen" after being in collision with SS. "Heathcote" off Cape Race came to Shed No. 27 for temporary repairs and left for Montreal.

The S. Barge "Albert V. Gowen" sunk in Inner Basin; after being floated went to Levis for repairs.

The Dominion Coal Company have 6,000 tons of coal stored on the space rented to them.

The Nova Scotia Steel & Coal Company have 45,000 tons of coal stored on the space rented to them.

There are wintering on Louise Docks: lumber, timber, coal, etc.

There are stored in the Different Freight Sheds, Spoolwood, lumber, salt, etc.

The Docks are occupied during the winter months by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.:

I have the honour to be,

Your obedient servant,

Sir,

Your obedient servant,

A. LETELLIER,  
*Wharfinger.*

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## TRAFFIC MANAGER'S REPORT.

Quebec, 31st December, 1917.

ST. GEORGE BOSWELL, Esq.,  
Chief Engr. & General Supt.  
Harbour Commission,  
Quebec.

Sir:—

I beg to submit for the information of the Commissioners a report of the operation of the Traffic Department during the year 1917.

Loaded cars received.....	13,304	
Loaded cars forwarded.....	14,825	
		28,129
Empty cars received.....	8,541	
Empty cars forwarded.....	6,920	
		15,461
Total number of cars handled.....		43,590
Total number of cars handled by "Car Ferry" .....		13,544

### *Account Grand Trunk Railway System.*

Loaded cars received .....	3,898	
Loaded cars forwarded.....	4,649	
Empty cars received.....	1,386	
Empty cars forwarded.....	1,050	
Total .....		10,983

### *Account Intercolonial Railway.*

Loaded cars received.....	135	
Loaded cars forwarded.....	768	
Empty cars received.....	13	
Empty cars forwarded.....	18	
Total .....		934

*Account Quebec Central Railway.*

Loaded cars received.....	487	
Loaded cars forwarded.....	967	
Empty cars received.....	138	
Empty cars forwarded.....	35	
Total .....	1,627	13,544
<hr/>		
Number of loaded cars interchanged via Harbour tracks and Car Ferry.....	6,327	
Number of Passenger, Mail and Baggage cars handled .....	1,405	
Number of cars loaded with Coal on Louise Docks .....	4,014	

The Commissioners' four locomotives are being  
cared for by the staff in our shop.

Your obedient servant,

A. F. DION,  
*Traffic Manager.*

REPORT OF THE SUPERINTENDENT OF THE  
QUEBEC HARBOUR COMMISSIONERS'  
ELEVATOR No. 2.

Quebec, January 5th, 1918

ST. GEORGE BOSWELL, Esq.,  
Chief Engr. & General Supt.,  
Quebec Harbour Commission.

Sir:—

I beg to submit the following report of the Harbour Commissioners' Elevator No. 2 for the season of 1917.

The total amount of grain received being as follows:

*Grain Received*

In store at end of season 1916.....	194,227	Bus.
Wheat .....	9,765	Bus.
Oats .....	920,434	"
Corn .....	17,092	"
Barley .....	2,494	"
Other Grain .....	1,256	"
Total Received .....	951,041	"
Grand Total .....	1,145,268	"

*Grain Delivered*

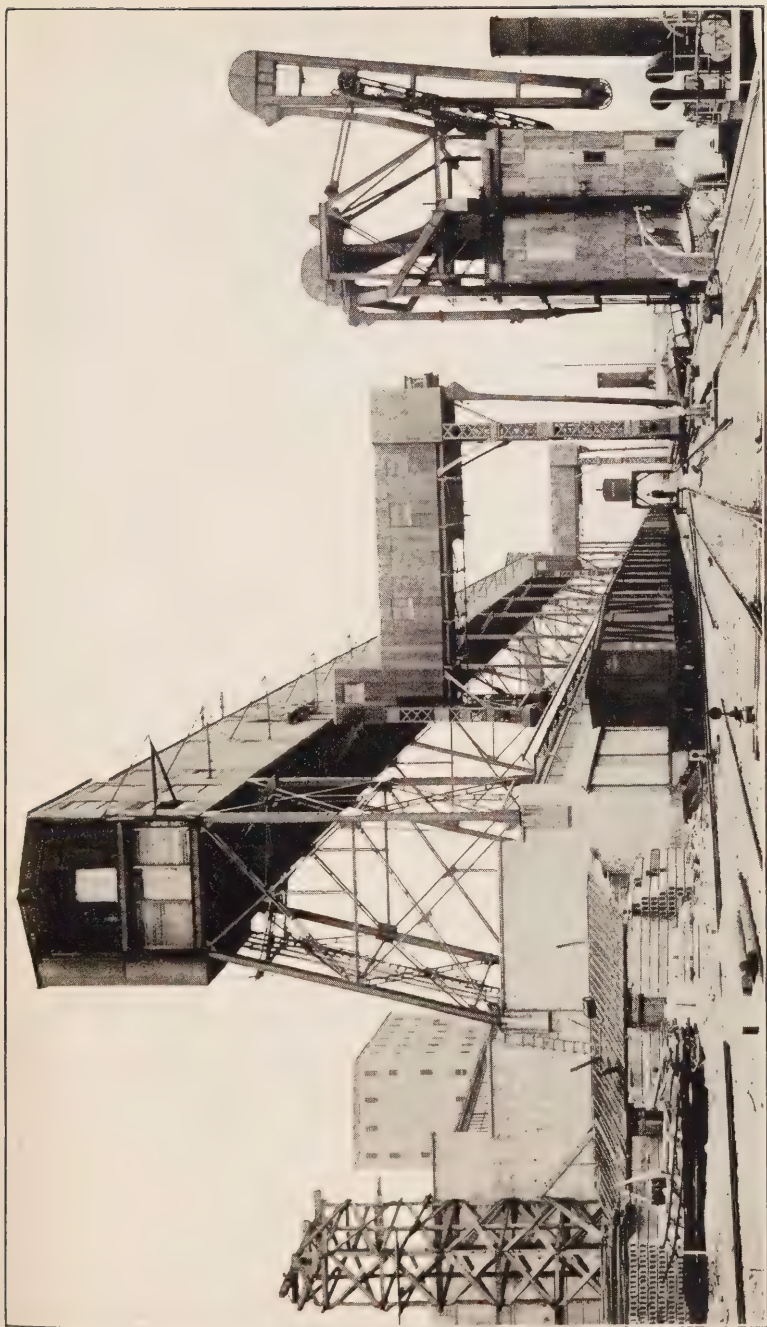
To Cars .....	29,480	Bus.
To Bags Export.....	734,688	"
To Bags Local .....	319,894	"
Total Delivered .....	1,084,062	"

In Store Jan. 1st, 1918..... 61,206 "  
From the above amount, 174,048 Bus of grain were  
cleaned.

Respectfully submitted,

H. PETERSON,  
*Superintendent.*





Grain Galleries and Travelling grain loaders



EXPENDITURE ON CAPITAL ACCOUNT ON APPROVED  
ESTIMATES OUT OF THE VOTE OF PARLIAMENT,  
UNDER THE "QUEBEC HARBOUR ADVANCES  
ACT, 1913-1917."

Dredging St. Charles River.....	\$ 52,234.58
Quay Extension St. Charles River.....	27,764.02
Grain Transfer Boat .....	66.75
Grain Elevator No. 2.....	1,951.72
Grain Loading Galleries.....	297,406.39
Storage Annex to Elevator No. 2.....	246,961.37
Sprinkler System in Marine Tower.....	3,686.01
Railway Yard .....	8,225.49
Dredge No. 2.....	417.67
Deck Scows .....	616.19
General Plant and Equipment .....	1,678.74
Lighting System in Fireproof Landing Sheds and Dock Front.....	2,267.18
Water Lines to Fireproof Landing Sheds and Dock Front .....	3,885.06
Permanent Fireproof Landing Sheds....	192,769.87
	<hr/>
	\$839,930.95

Quebec Harbour Commissioners' Office,  
Accounting Department.

W. A. MOUNTAIN,	CHARLES SMITH,
<i>Acting Accountant</i>	<i>Secretary-Treasurer</i>

COMPARATIVE STATEMENT OF THE QUEBEC HARBOUR COMMISSIONER'S REVENUE  
FOR TWO YEARS, 1916-1917

	1916	1917	Difference	1917
Elevators .....	\$ 31,728.04	\$ 25,680.63	\$ 6,047.41	Decrease
Sheds .....	4,119.21	5,161.51	1,042.30	Increase
Freight Hoists .....	2,743.71	12,015.90	9,272.19	Increase
Harbour Railway .....	46,424.15	42,907.95	3,516.20	Decrease
Floating Crane .....	19,729.00	4,057.03	15,671.97	Decrease
Wharfages .....	36,397.76	34,936.12	1,461.64	Decrease
Rentals .....	104,586.07	104,276.59	309.48	Decrease
Sundry Receipts .....	31,577.52	32,758.80	1,181.28	Increase
Interest .....	5,022.00	6,018.15	996.15	Increase
Totals .....	\$282,327.46	\$267,812.68	\$ 14,514.78	Decrease

Quebec Harbour Commissioners' Office,  
Accounting Department.

W. A. MOUNTAIN, *Acting Accountant.*

CHARLES SMITH, *Secretary-Treasurer.*

# QUEBEC HARBOUR COMMISSIONERS'

REVENUE ACCOUNT FOR THE YEAR ENDED 31st DECEMBER, 1917

— 27 —

OPERATING RECEIPTS		OPERATING EXPENDITURES	
Elevators .....	\$ 25,680.63	Elevators .....	\$ 42,569.80
Sheds .....	5,161.51	Sheds .....	36,160.76
Freight Hoists .....	12,015.90	Freight Hoists .....	6,983.18
Railways .....	42,907.95	Harbour Railway .....	63,046.12
Floating Crane .....	4,057.03	Floating Crane .....	4,727.72
Wharfages .....	34,936.12	Wharves .....	35,743.58
Rentals .....	104,276.59	Sundry Expenditures .....	24,508.82
Sundry Receipts .....	32,758.80	Interest on Debentures .....	46,000.00
Interest .....	6,018.15	Administration .....	61,694.78
Deficit in Year's Operations .....	<u>\$267,812.63</u>		<u>\$321,434.76</u>
Total .....	<u>\$321,434.76</u>	Total .....	<u>\$321,434.76</u>

Quebec Harbour Commissioners' Office,  
Quebec, February 20th, 1918.

W. A. MOUNTAIN, *Acting Accountant.*

CHARLES SMITH, *Secretary-Treasurer.*

## QUEBEC HARBOUR COMMISSIONERS'

STATEMENT OF ASSETS AND LIABILITIES AT 31st  
DECEMBER, 1917.

<i>Assets</i>	
St. Charles Docks and Wharves ...	\$ 5,459,866.12
Indian Cove Pro- perty .....	121,818.29
Sillery Quarry ....	1,063.70
	<hr/> \$ 5,582,748.11
<i>New Construction</i>	
Harbour Dredging.	1,117,041.06
Wharves, Piers and Basins .....	1,699,750.12
Shops and Build- ings .....	206,826.46
Railways .....	150,831.75
Permanent Landing Sheds .....	320,822.68
Grain Galleries ...	398,424.65
Grain Elevators ...	1,200,247.92
Miscellaneous Con- struction .....	48,855.98
	<hr/> \$ 5,142,800.62
	<hr/> \$10,725,548.73
Beach and Deep Water Lots (See Contra) .....	23,594.28
Beach Lots River St. Charles .....	561.54
Plant, Equipment and Tools .....	1,092,055.50
Materials on Hand .....	39,945.53
Office Furniture .....	9,446.29
<i>Unsettled Claims against the Dominion Government.</i>	
Department of Pub- lic Works. ....	255,209.04
Department of the Interior .....	351,437.32
Department of Ma- rine and Fisheries	314.25
	<hr/> 606,960.61
Accounts Receivable .....	68,092.11
Cash on Hand and in Bank .....	238,254.77
Suspense Account .....	3,805.12
Accrued Rentals .....	6,121.65
Unexpired Insurance .....	2,421.30
	<hr/> \$12,816,807.43

*Liabilities*

Quebec Harbour Debentures.....\$	3,612,802.42	
Receiver General .....	43,380.00	
Dominion Government Securing Dock Walls .....	541,393.26	
		\$ 4,197,575.68
Quebec Harbour Bonds, 62-63 Vic- toria, Chapter 34.....	350,000.00	
Interest accrued to 1st January, 1918 .....	3,000.00	
Quebec Harbour Bonds, 6-7 Ed- ward VII, Chapter 36.....	800,000.00	
		1,153,000.00
Quebec Harbour Debentures. Series A.....		6,155,000.00
		<hr/> \$11,505,575.68
Accounts Payable .....		40,489.38
Suspense Account .....		20,000.00
Lampson's Cove Capital Suspense.....		453,167.86
Reserve for difference between cost and amount realized on Capital Investments.....		56,094.40
Beach and Deep Water Lots.....		23,594.28
(See Contra)		
		<hr/>
		717,885.83
		<hr/> \$12,816,807.43

NOTE:—

The arrears of Interest on the Old Debentures of the Dominion Government have not been accrued or in any way incorporated in the above Statement.

Interest on the "Quebec Harbour Debentures" "Series A", amounting to \$363,269.30 for two years to July 1st, 1917, have not been paid nor provided for in the above Statement.

AUDITORS CERTIFICATE

We have the honour to report that we have examined the above statement of Assets and Liabilities of the Quebec Harbour Commissioners at 31st December, 1917, and we hereby certify that, subject to the above note relating to Interest on Debentures, it exhibits the true position of the Commission at that date, as shown on the books and information supplied to us.

(Signed) LA RUE & TRUDEL,

Auditors, C.A., L.I.A.

Quebec, 3rd May, 1918.



MEMORANDUM showing the opening and closing of Navigation in  
the Port of Quebec from 1830 to 1917

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last sailing for Sea
1830	.....	April 17	April 17	December 4
1831	.....	April 21	April 16	November 30
1832	.....	April 29	May 4	November 30
1833	.....	April 18	May 10	November 25
1834	.....	April 18	May 6	November 24
1835	.....	May 4	May 2	November 25
1836	.....	May 11	May 11	November 26
1837	.....	May 1	April 29	November 18
1838	.....	April 28	May 3	November 20
1839	.....	April 21	May 8	November 23
1840	.....	April 19	April 25	November 29
1841	.....	May 1	April 29	November 28
1842	.....	April 21	May 3	November 28
1843	.....	May 5	April 18	November 28
1844	.....	April 24	May 3	November 23
1845	.....	April 25	May 1	November 26
1846	.....	April 17	April 24	November 27
1847	.....	May 8	May 8	November 26
1848	.....	April 6	May 1	November 21
1849	.....	April 25	April 28	November 25
1850	.....	April 25	April 28	November 28
1851	.....	April 22	April 20	November 29
1852	.....	April 30	April 15	December 4
1853	.....	April 23	April 24	November 26
1854	.....	May 5	April 29	November 29
1855	.....	May 6	May 6	November 22
1856	.....	April 27	April 20	November 23
1857	.....	April 17	April 28	November 24
1858	.....	April 18	April 29	November 25
1859	.....	April 22	April 29	November 28
1860	.....	April 26	April 28	November 26
1861	.....	April 26	April 22	November 26
1862	.....	April 20	April 16	November 29
1863	.....	May 3	May 4	November 27
1864	.....	April 25	April 27	November 30
1865	.....	April 21	April 29	November 28
1866	.....	April 26	April 28	December 1
1867	.....	May 3	April 17	November 29
1868	.....	April 28	April 23	November 28
1869	.....	April 30	April 27	November 27
1870	.....	April 25	April 16	December 2
1871	.....	April 18	April 22	November 27
1872	.....	May 6	April 30	November 26
1873	.....	May 2	April 28	November 22
1874	.....	May 10	April 28	November 25
1875	.....	May 9	April 29	November 23





Travelling grain loaders



MEMORANDUM showing the opening and closing of Navigation in  
the Port of Quebec from 1830 to 1917

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last sailing for Sea
1876	.....	May 9	May 6	November 26
1877	.....	April 26	April 25	November 25
1878	.....	April 21	April 20	November 24
1879	.....	May 2	April 29	November 28
1880	April 30	April 30	April 30	November 27
1881	April 1	April 26	April 26	November 28
1882	April 22	April 28	April 22	December 2
1883	April 23	May 5	April 23	December 1
1884	April 20	April 29	May 1	December 8
1885	April 19	May 7	May 5	November 21
1886	April 24	April 27	April 29	
1887	April 14	May 3	April 29	November 28
1888	April 8	May 4	April 29	November 30
1889	April 1	April 22	April 26	November 27
1890	April 3	April 29	April 29	November 25
1891	March 29	April 27	April 27	November 30
1892	April 27	April 24	April 28	November 24
1893	April 1	May 6	April 20	November 24
1894	March 21	April 23	April 26	December 5
1895	April 4	April 28	April 26	November 28
1896	April 22	May 1	April 24	November 26
1897	April 7	April 25	April 29	November 27
1898	April 12	April 19	April 25	November 28
1899	April 5	May 3	April 22	November 30
1900	March 28	April 27	April 23	December 5
1901	April 2	April 27	April 20	November 27
1902	March 21	April 15	April 13	December 4
1903	March 20	April 19	April 18	December 6
1904	March 31	May 3	April 24	December 8
1905	March 25	April 26	May 2	November 24
1906	April 4	April 24	April 23	December 2
1907	April 4	May 2	April 26	November 25
1908	April 8	May 1	April 21	December 1
1909	April 4	April 25	April 21	December 3
1910	March 28	April 15	April 9	December 1
1911	April 9	April 30	April 27	December 8
1912	April 9	April 28	May 1	December 12
1913	April 4	April 23	April 26	December 13
1914	April 3	May 1	April 28	December 4
1915	April 4	April 15	April 30	December 16
1916	April 8	April 23	April 30	December 21
1917	April 2	April 27	April 30	December 21

## NOTES

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1883

One ice bridge formed before the City on February 2nd, and broke up on April 23rd.

1884

One ice bridge formed before the City during the night of the 15th and 16th of January, and stood until the 16th of the same month until 2 o'clock p.m.

Another ice bridge formed on January 20th and stood until April 19th.

In that year two considerable floods have occurred: the first on March 28th and the second on November 5th. In both cases the level of the St. Lawrence reached an average of between six and seven feet above the highest ordinary tides.

1885

Extraordinary low tides prevailed from February 15th to April 4th. In the Louise Basin, during that period, the average has given four feet lower than the usual low tides.

1886

On January 9th, an extraordinary high tide prevailed, the water having risen two feet higher than the ordinary flood tides.

1887

The SS. *Geetlands*, loaded with coal, from Sydney, Cape Breton, which had not been able to reach Quebec, in the Fall of 1886, on account of the ice, and which wintered at Les Eboulements, Charlevoix County, arrived in Port the 2nd of April, at 1.30 p.m.

1889

An open boat, belonging to a Mr. Dufort, of Crane Island arrived in Port, with passengers, on the 16th of March, at 6.30 p.m.

1892

An ice bridge formed before the City on 4th March and broke up on 19th April.

1897

The SS. *Polino* went up to Montreal on April 21st.

1898

An ice bridge formed before the City on 22nd January and broke up on 10th April.

1905

SS. *Polino* left for Newfoundland on April 12th.

1910

Passenger ferry *Mahone* arrived from River du Loup on the 25th of March.

SS. *General Wolfe* left for the Lower St. Lawrence with passengers and cargo on the 24th of March and returned on the 30th of same month.

SS. *General Wolfe* arrived from the Lower St. Lawrence on the 5th December, and SS. *Aranmore* and *Canada*, arrived on the 6th.

C. G. S. *Montmagny*, left for Halifax on the 9th of December.

1911

SS. *Aranmore* left for the Lower St. Lawrence on the 9th of April and returned on the 19th of the same month.

SS. *Savoy* left for Anticosti on the 15th of April and returned on the 22nd of the same month.

Steam Barge *Carleton* entered the Wet Dock, grain laden, on the 4th of December.

SS. *Bray Head* left for sea on December 8th.

Steam Barge *Carleton* left for Anticosti on the 13th of December, and returned on the 22nd of same month.

## 1912

SS. *Aranmore* and SS. *Natashquan*, left the Harbour for the Lower St. Lawrence on the 29th March returning on the 6th April.

## 1913

SS. *Natashquan* left the Harbour for the Lower St. Lawrence on April 1st, returning on the 10th. The last vessel for sea was the C. G. S. *Montmagny*, which left for the lower St. Lawrence and Halifax on the 13th of December.

## 1914

SS. *Savoy* left the Harbour for Anticosti on April 2nd. The last ocean liner SS. *Bengore Head* left the Harbour for sea on December 4th.

## 1915

The SS. *Savoy* left for Anticosti on April 4th.

The first ocean arrival was the SS. *Thespis* on April 30th.

The SS. *Port Colbourne* was the last vessel to leave for the United Kingdom on December 7th.

## 1916

The SS. *Laurentian* left for the North Shore on April 15th.



The SS. *Cascapedia* left for Montreal on April 15th.

The Ice-Breaker *J. D. Hazen* purchased by the Russian Government left for Port Archangel, Russia, on December 21st.

1917

Schooner *Montmorency* arrived from Tadousac on April 2nd.

The C. G. S. *Druid* left for the Lower St. Lawrence on April 4th.

The SS. *Percesien* left for Gulf Ports on April 15th.

The SS. *Sicoa* left for Halifax on December 21st.

CHARLES SMITH,  
*Secretary-Treasurer.*

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DEPARTMENT OF PUBLIC WORKS, CANADA  
DOCKMASTER'S OFFICE

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Levis, 9th January, 1918

Tide Register for 1917 from a gauge at the Levis Dry Dock, the zero of which is level with the Dock Sill or 7.50 feet below low-water Spring tide.

- January — Highest tide 27.0 ft. on 23rd at 5.30 p.m.  
Lowest tide 6.0 ft. on 17th at 6.45 a.m.  
West wind during 16 days.  
East wind during 7 days.  
North wind during 8 days.
- February — Highest tide 26.0 ft. on 9th at 8.15 p.m.  
Lowest tide 6.6 ft. on 10th at 4.30 p.m.  
West wind during 24 days.  
East wind during 4 days.
- March — Highest tide 26.2 ft on 24th, at 7.00 a.m.  
Lowest tide 8.0 ft. on 22nd, at 1.00 p.m.  
West wind during 25 days.  
East wind during 6 days.
- April — Highest tide 27.0 ft. on 22nd, at 4.20 a.m.  
Lowest tide 9.6 ft. on 23rd, at 2.45 a.m.  
West wind during 13 days.  
East wind during 14 days.  
North wind during 2 days.  
South wind during 1 day.
- May — Highest tide 28.3 ft. on 10th, at 8.13 a.m.  
Lowest tide 9.8 ft. on 19th, at 2.45 p.m.  
West wind during 2 days.  
East wind during 21 days.  
North wind during 3 days.  
South wind during 5 days.



- June —Highest tide 27.0 ft. on 8th, at 8.00 a.m.  
Lowest tide 9.8 ft. on 26th, at 6.00 p.m.  
West wind during 11 days.  
East wind during 13 days.  
North wind during 4 days.  
South wind during 2 days.
- July —Highest tide 27.0 ft. on 8th, at 8.38 a.m.  
Lowest tide 9.0 ft. on 20th, 3.00 p.m.  
West wind during 17 days.  
East wind during 9 days.  
North wind during 2 days.  
South wind during 3 days.
- August —Highest tide 25.6 ft. on 6th, at 8.45 p.m.  
Lowest tide 8.1 ft. on 31st, at 2.27 p.m.  
West wind during 14 days.  
East wind during 7 days.  
North wind during 3 days.  
South wind during 7 days.
- September—Highest tide 27.0 ft. on 30th at 5.45 p.m.  
Lowest tide 7.7 ft on 12th, at 11.30 a.m.  
West wind during 22 days.  
East wind during 3 days.  
North wind during 3 days.  
South wind during 2 days.
- October —Highest tide 27.0 ft. on 1st, at 6.15 a.m.  
Lowest tide 8.6 ft on 2nd, at 2.30 p.m.  
West wind during 14 days.  
East wind during 7 days.  
North wind during 4 days.  
South wind during 6 days.
- November —Highest tide 26.0 ft. on 16th, at 7.28 p.m.  
Lowest tide 8.2 ft. on 13th, at 3.30 p.m.  
West wind during 21 days.  
East wind during 4 days.  
North wind during 2 days.  
South wind during 3 days.

December — Highest tide 29.0 ft. on 14th, at 6.15 p.m.  
Lowest tide 6.8 ft. on 15th, at 2.20 p.m.  
West wind during 12 days.  
East wind during 14 days.  
North wind during 2 days.  
South wind during 3 days.

ALF. SAMSON,

*Supt. Levis Dry Dock.*

9th January, 1918.  
Levis Dry Dock.





# PORT OF QUEBEC

DESCRIPTION of the principal Merchandises exported from the Port of Quebec to the undermentioned Countries, during the last 44 years, from 1874 to 1917 inclusive.

1	Great Britain.....	New Ships built and sold to, Timber, Pine red and white, Elm, Ash, Maple, Oak, &c., Deals pine and spruce, Planks and boards, &c., Horned cattle, Sheep, &c., Asbestos, Wood Pulp, Furs, Opium and Leather, Cheese and eggs, Meats canned, Grain, Wheat, Oats, &c.
2	United States.....	Lumber, Planks and boards, Palings and Pickets, Shooks box, Sleepers and Railroad ties, Wood manufactured, Horned cattle, sheep, &c., Maple Sugar, Hair, Balsam, Asbestos Wood Pulp, Cotton raw, Fruit berries, &c., &c.
3	France.....	Timber, Square, Pine red and white, Oak, Elm, Birch, Ash, Staves, Deals pine and spruce, Planks and boards, Wood manufactured, &c., &c.
4	St. John Newfoundland...	New Ships built and sold to, Lumber, Planks and boards, staves, Pine and Spruce deals, masts and spars, &c., Flour, Biscuits, Pork, lard and butter, Leather, boots and shoes, &c.
5	British West Indies.....	New ships built and sold to, Timber, pine and spruce, Deals, Shooks box, Grain, hay, Leather and shoes, &c.
6	Germany.....	New ships built and sold to, Timber red and white, &c., Bass-wood deals, Pine and spruce, Planks and boards, &c., Phosphates, &c., &c., Asbestos.
7	Holland.....	Timber, square pine and white, &c., Hickory, Bass-wood, &c., Deals pine and spruce, Planks and boards, &c., &c.
8	Belgium.....	Timber, Square, Pine red and white, Maple, Elm., Mets and spars, Deal pine and spruce, Lath wood, Planks and boards, Bass-wood, &c., Lobster, &c., Salmon canned, Asbestos.
9	Spain.....	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, &c., Masts and spars, Staves, Deals spruce, Planks boards and joists, &c.
10	Portugal.....	Timber, square, Pine red and white, Oak, Maple, Elm, Birch, Ash, &c., Bass-wood, Deal pine spruce, Planks and boards, Staves, Masts and spars, &c., Butter, &c.
11	China.....	Cotton fabrics.
12	Norway.....	New ships built and sold to, Timber, Square, Oak, Elm, &c., &c.
13	Spanish West Indies.....	Wood manufactured and agricultural products.
14	St. Pierre Miquelon.....	New ships built and sold to, Lumber, planks and boards, Masts and spars, &c. Flour, butter, Pork, lard, &c. Biscuits, Tobacco and Leathers, boots and shoes, &c.
15	British Australia.....	New ships built and sold to, Lumber and boards, Pine deals and spruce, Staves, Laths, Palings and pickets, Wood manufactured, Salmon and Lobster canned, &c.
16	British Africa.....	Lumber, Pine deals and spruce, Planks and boards, Laths, Palings, Staves, Wood manufactured, &c.
17	Brazil.....	Lumber, Pine deals and spruce, Planks and boards, Laths, Joists, Palings, Scantlings, Shooks box and manufactured, Biscuits, &c.
18	British East India.....	New ships built and sold to.
19	Argentine Republic, S. A.....	New ships built and sold to, Timber, planks and boards, Pine deals and spruce, Laths, Palings, Scantlings, Masts and spars, Shooks box, Wood manufactured, &c., Salmon and lobster canned, etc.
20	Uruguay, S. A.....	Lumber, Square, Pine, planks and boards, Laths, Palings and pickets, Joists, Masts and spars, Shooks box, wood manufactured, &c., Salmon and lobster canned, &c.
21	Peru, S. A.....	Timber, Square, Oak, Pine and deal spruce, Planks and boards, Joists, Scantlings and Laths, Palings and pickets, Staves, Wood manufactured, &c.
22	Gibraltar.....	Timber, Square, Pine red and white, Oak, Elm, Masts and spars, Pine deals and spruce, Planks and boards, Seaves, Wood manufactured, &c.
23	Labrador.....	Lumber, Pine deals and spruce, Planks and boards, Wood manufactured, Salt pork, lard, &c., Butter, flour, biscuit, Leather, boots and shoes, Tobacco, &c.
24	United States of Columbia.....	Lumber, Planks and boards, Wood manufactured.
25	Pay-Sandu, S. A.....	Lumber, Planks and boards, Laths, Palings and Pickers, Shooks box, &c.
26	Algeria.....	Timber, Square, Oak, Elm, Ash, Pine deals and spruce.
27	Chili.....	Lumber, Pine deals and spruce, Planks and boards, &c.
28	Danish West Indies.....	Lumber, Pine deals and spruce, Wood manufactured, Biscuits.

# PORT OF QUEBEC

## 44 YEARS OF TRADE

STATEMENT of the total value of Imports and Exports of Merchandises in to and from this Port, during forty-four years from 1st January 1874 to 31st December 1917 showing the Countries whence Imported and to which Exported.

Nos.	COUNTRIES	Imports from 1874 to 1917, Inclusively 44 years	Exports from 1874 to 1917, Inclusively 44 years	Total of imports and exports du- ring the last 44 years
1	Great Britain.....	136,238,946	293,160,914	429,399,860
2	United States.....	127,979,955	18,420,269	146,400,224
3	France.....	9,800,604	4,744,461	14,545,065
4	Newfoundland.....	463,312	2,540,245	3,003,557
5	British West Indies.....	6,446,363	36,850	6,483,213
6	Germany.....	6,599,740	487,474	7,087,214
7	Holland.....	3,694,160	345,994	4,040,154
8	Belgium.....	2,343,095	918,830	3,259,925
9	Spain.....	1,612,507	717,641	2,330,148
10	Portugal.....	174,959	1,362,261	1,537,220
11	China.....	429,323	960,525	1,389,848
12	Norway.....	65,338	579,541	644,879
13	Spanish West Indies.....	103,505	2,010	105,515
14	St. Pierre Miquelon.....	40,646	508,516	609,162
15	British Australia.....	89,436	667,428	706,864
16	British Africa.....	575,320	313,500	888,820
17	Brazil, S. A.....	66,554	241,855	308,409
18	British East Indies.....	25,057	5,009	30,066
19	Italy.....	468,358	62,894	531,252
20	Japan.....	527,415		527,415
21	Turkey in Asia.....	535,232		535,232
22	Sicily.....	22,310	8,029	30,339
23	Denmark.....	30,568		30,568
24	Greece.....	72,184		72,184
25	Austria.....	287,120	18,266	305,386
26	Asia.....	54,503		54,503
27	Switzerland.....	401,823	7,347	409,170
28	India Britania.....	53,036	675,693	728,729
29	Smyrna in Asia.....	92,172		92,172
30	Java.....	6,316		6,316
31	Sweden.....	51,978	2,160	54,138
32	Buenos Ayers.....	100,208	583,081	683,289
33	Argentine Republic.....	35	1,174,100	1,174,155
34	Uruguay.....	5,594	544,395	549,989
35	Peru, S. A.....		277,175	277,175
36	Gibraltar.....		211,827	211,827
37	Cuba.....	24,333		24,333
38	United States of Columbia.....		68,056	68,056
39	Algeria, Africa.....		25,229	25,229
40	Chili.....		18,130	18,130
41	Danish West Indies.....		13,211	13,211
42	Venezuela.....	15,015	2,769	15,015
43	Porto Rico.....	104,250	226	107,019
44	Mexico.....	2,907	35,290	3,133
45	Mexico.....		26,446	26,446
46	Malta Island.....		43,836	43,836
47	Coney Island.....		369,761	369,761
48	Rio Janeiro.....		3,692	463,505
49	Russia.....	458,813		463,505
50	Ceylon.....	369,526	235	369,761
51	Bohemia.....	23,628		23,628
52	Jamaica.....	27,863		27,863
53	East Africa Portuguese.....		22,132	22,132
54	Arabia.....	322		322
55	Persia.....	117		117
56	Bulgaria.....	7,189		7,189
57	New Zealand.....		22,705	22,705
58	British Guiana.....	3,080		3,080
		300,444,735	329,930,434	630,375,169

Total of trade during 44 years..... \$ 300,444,735 \$ 329,930,434 \$ 630,375,169  
Excess of total exports over imports..... \$ 29,485,69

DOMINION OF CANADA  
—♦—  
PORT OF QUEBEC

COMPARATIVE STATEMENT of the Number and Tonnage of Sea-going Steamers and Sailing Vessels with the Number of Men employed, entered Inwards and Outwards, for the year ending on the 31st December, 1916 and 1917 showing the Countries from whence they came and for which they cleared, whether with Cargo or in Ballast, also distinguishing the Countries to which they belonged :

Compiled by WM. G. WILSON, of H. M. CUSTOMS

RETURN OF VESSELS INWARDS FOR THE YEARS ENDING  
31st DECEMBER 1916 and 1917

	Vessels	Tons	Men	Vessels	Tons	Men
Total Vessels arrived	210	62,042	1,178	127	5,524	1,178
Vessels with passengers	156	57,069	1,583	121	47,657	1,583
do in ballast	54	5,973	595	6	767	595
Total	210	62,042	1,178	137	50,955	1,178
Number of Steamers	167	61,812	667	116	50,850	1,134
" of sailing Vessels	43	3972	511	21	1,105	44
Total	210	62,042	1,178	137	50,955	1,178
British Vessels	181	59,462	1,559	132	50,731	1,516
Foreign Vessels	29	2,580	619	5	1,224	662
Total	210	62,042	1,178	137	50,955	1,178
LANDER WENT 1,446	188	50,192	1,050	132	50,741	1,315
British	3	106	81	4	381	111
United States	6	476	71	4	381	111
Norwegian	10	11,709	227	10	11,709	227
Swedish	1	1	1	1	1	1
German	1	1	1	1	1	1
Russian	1	1	1	1	1	1
Holm	1	1	1	1	1	1
Holland	1	1	1	1	1	1
Italian	1	1	1	1	1	1
Spanish	1	1	1	1	1	1
Austrian	1	1	1	1	1	1
Total	210	62,042	1,178	137	50,955	1,178
WHEN ARRIVED	14	6,062	1,579	85	40,835	1,579
United Kingdom	6	2,794	1,137	36	6,118	1,137
New Zealand and	1	1	1	1	1	1
Islands	1	1	1	1	1	1
United States	1	1	1	1	1	1
Porto Rico	1	1	1	1	1	1
French	1	1	1	1	1	1
St. Pierre & Miquelon	1	1	1	1	1	1
Belgium	1	1	1	1	1	1
Holland	1	1	1	1	1	1
Germany	1	1	1	1	1	1
Italy	1	1	1	1	1	1
Spain	1	1	1	1	1	1
Portugal	1	1	1	1	1	1
British West Indies	1	1	1	1	1	1
Argentine Republic	1	1	1	1	1	1
Russia	1	1	1	1	1	1
St. John's, Newfoundland	1	1	1	1	1	1
Tobago	1	1	1	1	1	1
Cap. & Co.	1	1	1	1	1	1
British India	1	1	1	1	1	1
British India	1	1	1	1	1	1
Central States of Colombia	1	1	1	1	1	1
Sancti Spiritus	1	1	1	1	1	1
Demerara	1	1	1	1	1	1
Austria	1	1	1	1	1	1
Austria	1	1	1	1	1	1
California	1	1	1	1	1	1

RETURN OF VESSELS OUTWARDS FOR THE YEARS  
ENDING 31st DECEMBER 1916 and 1917.

	1916.				1917.			
	Vessels	Tons.	Men.	Vessels	Tons.	Men.		
Total Vessels Counted	187	31,153	7,067	113	19,458	3,727		
Vessels with Carbons	164	33,005	6,650	89	16,530	3,955		
do in bullet	22	16,410	547	24	33,383	1,381		
Total	186	49,415	7,197	113	49,913	5,336		
Number of Steamers	152	36,198	6,693	86	19,073	4,124		
do sailing Vessels	34	3,467	169	27	18,38	155		
Total	186	39,665	7,197	113	49,903	4,279		
British Vessels	132	30,671	6,677	92	17,991	3,915		
Foreign Vessels	54	8,994	1,110	21	5,912	1,361		
Total	186	39,665	7,197	113	49,903	4,279		
PORT WATSON								
United States	1,5	10,421	1,177	62	17,991	1,177		
British	1	1,285	70	17	1,646	243		
Argentinian	2	2,018	70	17	1,646	243		
Swedish	1	185	80	17	1,646	243		
German	1	185	80	17	1,646	243		
Spanish	1	185	80	17	1,646	243		
French	1	185	80	17	1,646	243		
Italian	1	185	80	17	1,646	243		
Belgian	1	185	80	17	1,646	243		
Portuguese	1	185	80	17	1,646	243		
Total	186	39,665	7,197	113	49,903	4,279		
PORT WEST INDIA								
United States	60	20,270	4,827	36	16,073	2,651		
British	18	5,177	68	37	4,912	785		
Argentinian	1	224	48	17	1,646	243		
Portuguese	1	185	80	17	1,646	243		
Spanish	1	185	80	17	1,646	243		
French	1	185	80	17	1,646	243		
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Italian	1	185	80	17	1,646	243		
Belgian	1	185	80	17	1,646			

COMPARATIVE STATEMENT of Vessels entered Inwards and Outwards at the Port of Quebec, showing the number of Vessels, tonnage and Number of men employed, distinguishing the number of Vessels Entered and cleared at Outwards for the year 1914, 1915, 1916, 1917, and 1918.

## INWARDS

[illegible]

## OUTWARDS

Parties, Clubs, and Political Organizations	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2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Quincy, 31st December 1917.

WM. G. WILSON,

of H. M. Customs,

Compiled by Wm G. WILSON, of H. M. CUSTOMS

# PORT OF QUEBEC.

Statistics showing the opening of navigation at the Port of Quebec, in each year, from 1832 to 1917, inclusively; also the date of closing thereof during that period.

Returning of the Number and Tonnage of Sailing vessels entered Inwards and Outwards at this Port, from 1860 to 1917.

Years	Arrivals from Montreal Steamers	Arrivals from Seas	Sailed for Sea	INWARDS		OUTWARDS	
				Vessels	Tonnage	Vessels	Tonnage.
1832	April 29	May 4	November 30	1860	1198	465,664	1,376
1833	" "	" "	" "	1861	1,200	633,427	1,394
1834	May 18	" "	" "	1862	1,334	509,123	1,270
1835	" "	" "	" "	1863	1,351	670,738	1,406
1836	" "	" "	" "	1864	1,416	618,926	1,558
1837	April 1	May 2	" "	1865	7,600	3,543,032	8,778
1838	" "	" "	" "	1866	1,382	664,443	1,068
1839	April 21	April 22	" "	1867	1,383	666,978	1,593
1840	" "	" "	" "	1868	1,007	501,653	1,054
1841	May 1	May 8	" "	1869	1,671	791,712	1,534
1842	April 21	May 8	" "	1870	1,671	791,712	1,534
1843	May 6	May 18	" "	1871	1,671	791,712	1,534
1844	May 6	May 18	" "	1872	1,671	791,712	1,534
1845	May 6	May 18	" "	1873	1,671	791,712	1,534
1846	May 6	May 18	" "	1874	1,671	791,712	1,534
1847	May 6	May 18	" "	1875	1,671	791,712	1,534
1848	May 6	May 18	" "	1876	1,671	791,712	1,534
1849	May 6	May 18	" "	1877	1,671	791,712	1,534
1850	May 6	May 18	" "	1878	1,671	791,712	1,534
1851	May 6	May 18	" "	1879	1,671	791,712	1,534
1852	May 6	May 18	" "	1880	1,671	791,712	1,534
1853	May 6	May 18	" "	1881	1,671	791,712	1,534
1854	May 6	May 18	" "	1882	1,671	791,712	1,534
1855	May 6	May 18	" "	1883	1,671	791,712	1,534
1856	May 6	May 18	" "	1884	1,671	791,712	1,534
1857	May 6	May 18	" "	1885	1,671	791,712	1,534
1858	May 6	May 18	" "	1886	1,671	791,712	1,534
1859	May 6	May 18	" "	1887	1,671	791,712	1,534
1860	May 6	May 18	" "	1888	1,671	791,712	1,534
1861	May 6	May 18	" "	1889	1,671	791,712	1,534
1862	May 6	May 18	" "	1890	1,671	791,712	1,534
1863	May 6	May 18	" "	1891	1,671	791,712	1,534
1864	May 6	May 18	" "	1892	1,671	791,712	1,534
1865	May 6	May 18	" "	1893	1,671	791,712	1,534
1866	May 6	May 18	" "	1894	1,671	791,712	1,534
1867	May 6	May 18	" "	1895	1,671	791,712	1,534
1868	May 6	May 18	" "	1896	1,671	791,712	1,534
1869	May 6	May 18	" "	1897	1,671	791,712	1,534
1870	May 6	May 18	" "	1898	1,671	791,712	1,534
1871	May 6	May 18	" "	1899	1,671	791,712	1,534
1872	May 6	May 18	" "	1900	1,671	791,712	1,534
1873	May 6	May 18	" "	1901	1,671	791,712	1,534
1874	May 6	May 18	" "	1902	1,671	791,712	1,534
1875	May 6	May 18	" "	1903	1,671	791,712	1,534
1876	May 6	May 18	" "	1904	1,671	791,712	1,534
1877	May 6	May 18	" "	1905	1,671	791,712	1,534
1878	May 6	May 18	" "	1906	1,671	791,712	1,534
1879	May 6	May 18	" "	1907	1,671	791,712	1,534
1880	May 6	May 18	" "	1908	1,671	791,712	1,534
1881	May 6	May 18	" "	1909	1,671	791,712	1,534
1882	May 6	May 18	" "	1910	1,671	791,712	1,534
1883	May 6	May 18	" "	1911	1,671	791,712	1,534
1884	May 6	May 18	" "	1912	1,671	791,712	1,534
1885	May 6	May 18	" "	1913	1,671	791,712	1,534
1886	May 6	May 18	" "	1914	1,671	791,712	1,534
1887	May 6	May 18	" "	1915	1,671	791,712	1,534
1888	May 6	May 18	" "	1916	1,671	791,712	1,534
1889	May 6	May 18	" "	1917	1,671	791,712	1,534

Quebec, 31st December, 1917.

WM G. WILSON, of H. M. CUSTOMS



# PORT OF QUEBEC

STATEMENT of the quantity and value of Merchandise imported into this port during the year ending 31st December 1917 showing the Countries whence imported Also a comparative Statement of the previous year 1916.

Nos.	MERCHANDISES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Holland	Belgium	Spain	Japan	China	Italy	Portugal	Norway	Australia	British Guiana	Cuba	Switzerland	Denmark	Sweden	Ceylon	Newfoundland	Brazil	British Africa	Jamaica	British West Indies	British East Indies	Nos.	Total Imports 1916	Total Imports 1917
1	Animals* of all kinds	No.	1,595	\$ 47,423	\$ 41,000	\$ 6,423																						1	\$ 48,934	\$ 47,423	
2	Books and papers of all kinds	\$		128,718	11,876	82,256	31,140		2927										519									2	176,464	128,718	
3	Buttons, brushes and combs	\$		42,746	1,792	40,757	152				45																	3	32,311	42,746	
4	Brass and copper manufactured or not	\$		361,721	1,044	357,641	1,862																1,174					4	732,517	361,721	
5	Coal of all kinds	Tons	688,524	2,325,333	2,325,333																							5	767,862	2,325,333	
6	Coffee, green or roasted	Lbs	34,722	6,036		69																		6,036		590		6	1,916	6,036	
7	Carpets of all kinds	Yds	12,146	13,261	12,733	528																						7	22,586	13,261	
8	Cotton fabrics and manufactured of all kinds	\$		557,136	293,826	252,368	2,810				253			320					7,371				188					8	757,299	557,136	
9	Drugs, dyes, chemical, patent medicines	\$		121,988	21,403	101,163	2,422																					9	209,239	121,988	
10	Earthenware of all kinds	\$		194,701	91,366	97,219	1,330	1,705																				10	120,950	194,701	
11	Fancy goods and toys	\$		8,640	826	7,005	430				125		3,081															11	31,060	8,640	
12	Fruits of all kinds	\$		299,365	1,020	297,626				804			415															12	217,632	299,365	
13	Furs, dressed, raw and manufactured	\$		521,273	19,743	470,009	27,312					1,497											200					13	252,958	521,273	
14	Glass of all kinds	\$		118,544	727	117,765	52																					14	128,930	118,544	
15	Gutta percha and india rubber manufactures of all kinds	\$		85,782	8,700	76,801	221																					15	74,076	85,782	
16	Grain of all kinds	Bush	67,195	81,058	71,549	81,058																						16	47,784	81,058	
17	Hats, caps and bonnets of all kinds	Lbs	23,071	5,174	58,654	10,650	190				21	2,034																17	50,008	71,549	
18	Hops	\$		5,174	5,174	5,174																						18	6,965	5,174	
19	Hides, raw salted and dry	\$		413,615	76,663	331,153						2,554													3,245			19	370,396	413,615	
20	Iron and steel of all kinds, manufactured or not	\$		4,271,374	242,094	4,025,334	632								265						1,589		1,460					20	6,172,509	4,271,374	
21	Pig iron	Tons	1,618	98,457	98,457	98,457																						21	40,735	98,457	
22	Jewellery, plated ware gold or silver	\$		58,582	13,916	41,669	2,949													108								22	63,876	58,582	
23	Leather of all kind manufactured or not	\$		547,612	12,393	535,249																						23	566,058	547,612	
24	Meats of all kinds	Lbs	2,850,989	529,474	529,474	529,474																						24	340,030	529,474	
25	Tobacco, leaf unmanufactured	Lbs	604,809	167,746		166,315		1,431																				25	150,731	167,746	
26	Lumber and timber	\$		323,700	323,700	323,700																						26	666,357	323,700	
27	Molasses and syrups of all kinds	Galls	701,560	238,445	5,461	113,212	1,350																					27	823,861	238,445	
28	Oil of all kinds	Lbs	1,102,014	120,271	286	65,658	1,180														108		248					28	126,271	120,271	
29	Seeds of all kinds	Galls	62,271	26,189	15,644	10,545																						29	69,357	67,232	
30	Oil-Cloth of all kinds	Tons	22,138	263,563	243,199	20,364																						30	12,165	26,189	
31	Salt of all kinds	\$		135,200	53,033	63,014	13,883				2,242								3,028									31	95,173	263,563	
32	Silk and ribbon of all kinds, manufactured or not	Lbs	135,200	53,033	63,014	13,883																						32	142,992	135,200	
33	Spices ground and unground	Lbs	7,449	1,245	561																							33	7,004	1,245	
34	Spirits of all kinds	Galls	60,383	150,967	47,857	2,235	53,444	41,564		2,367			419					1,656										34	216,247	150,967	
35	Sugar of all kinds	Lbs	1,257,973	58,261																								35	42,453	58,261	
36	Tea of all kinds	Lbs	345,804	71,801	1,751						19,605	7,589																36	90,526	71,801	
37	Tin plates, tin in blocks and bars	Cwt	2,610	32,348	6,380	25,968																						37	30,587	32,348	
38	Wines of all kinds	Galls	18,530	20,259	906		5,493			11,952			276	1,207														38	43,323	20,259	
39	Wool fabric and manufactured of all kinds	\$		343,509	271,353	70,537	1,414				196																	39	398,333	343,509	
40	Raw Cotton	Lbs	6,009,824	1,406,165	1,406,165																							40	1,244,475	1,406,165	
41	Settlers effects	\$		290,979	227,820	62,038																		1,121				41	383,304	290,979	
42	Other articles	\$		2,351,137	51,376	2,167,231	33,671				1,857	18,266	4,823	5,051	88			77	1,529	851							42	1,530,827	2,351,137		
	Total			17,045,759	1,834,356	14,392,570	181,937	44,700	2927	16,980	40,756	11,240	11,048	6,578	353	2,912	1,133	1,321	12,131	108	1,589	42,028	70,700	6,036	3,245	21,380	338,684	833	17,127,084	17,045,759	

Compiled by J. A. BELLEAU, of H. M. Customs.

# PORT OF QUEBEC

Comparative statement showing the total value of merchandise imported and the duty collected in each month during the Calendar year 1917 compared with the same month of the previous year 1916.

MONTHS	Exports	Exports	Imports	Imports	Duty Collected	
	1916	1917	1916	1917	1916	1917
	\$	\$	\$	\$	\$	\$
January.....			983,443	1,212,820	193,804.57	231,912.19
February.....			899,269	1,035,094	152,651.36	231,394.07
March.....			1,212,848	1,219,640	192,742.01	241,565.30
April.....	109,649		1,320,109	1,365,173	160,375.03	249,162.74
May.....	43,750	33,515	1,729,029	1,565,128	230,591.53	281,425.73
June.....	194,222	281,016	1,755,747	1,510,519	222,393.63	230,615.40
July.....	782,362	2,100,735	1,949,754	1,443,095	229,050.52	182,375.87
August.....	842,176	695,393	1,781,032	1,540,228	235,869.50	235,080.41
September.....	654,794	1,035,983	1,352,364	1,410,042	208,476.97	205,210.23
October.....	579,585	499,369	1,302,276	1,368,026	224,183.99	211,254.48
November.....	8,642,537	5,634,376	1,888,451	1,968,633	227,299.19	212,820.44
December.....	979,211	326,758	1,452,762	1,407,355	277,456.31	185,374.47
Total.....	12,828,286	10,607,145	17,127,084	17,045,759	2,554,894.61	2,698,191.42

DECREASE.....\$ 2,221,141 DECREASE.....\$ 81,325 INCREASE.....\$ 143,296.81

# PORT OF QUEBEC

RECAPITULATION of the total import for the year ending 31st December 1917 showing the Countries whence imported with a comparative Statement of the previous year 1916.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1916	1917	1917	1917
		\$	\$	\$	\$
1	Great Britain.....	1,979,824	1,834,356	145,468	
2	United States.....	14,296,554	14,392,570		96,016
3	British West Indies.....	365,116	338,684	26,432	
4	British East Indies.....		833		833
5	France.....	227,857	181,937	45,920	
6	Holland.....	76,017	44,700	31,317	
7	Belgium.....	573	2,927		2,354
8	Spain.....	38,434	16,980	21,454	
9	Japon.....	28,369	40,756		12,387
10	Newfoundland.....	15,720	70,700		54,980
11	Italy.....	11,726	11,048	678	
12	China.....	10,485	11,240		755
13	Portugal.....	6,272	6,578		306
14	British Guiana.....	1,947	1,133	814	
15	Norway.....	245	353		108
16	Japan.....	1,111			
17	Cuba.....	2,435	1,529	1,360	
18	Greece.....	611		900	
19	Switzerland.....	8,314	12,131	611	
20	Sweden.....	7,291	1,589		3,917
21	Mexico.....	1,589		5,702	
22	Denmark.....	5,139	108	1,589	
23	British India.....	52		5,031	
24	Ceylon.....	38,955	42,028	52	
25	Jamaica.....	1,220	21,386		3,073
26	Australia.....	973	2,912		20,160
27	Brazil.....		6,036		1,939
28	South Africa.....		3,245		6,036
					3,245
	Total.....	17,127,084	17,045,759	287,334	206,009

# PORT OF QUEBEC

STATEMENT of the Quantity and Value of the Principal Merchandise Exported from this Port during the Year ending 31st December 1917 showing the countries to which Exported to Also a Comparative Statement of the Previous Year 1916

Nos.	ARTICLES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Newfoundland	India	Nos.	Total Exports 1916	Total Exports 1917
			\$	\$	\$	\$	\$	\$	\$			
1	Animals.....	Nos.	488	67,050	54,750		12,300			1	284,950	67,050
2	Apples.....	Brls								2	14	
3	Bacon and ham.....	Lbs								3	19,470	
4	Cod Fish.....	Cwt	20,565	96,030		96,030				4	121,974	96,030
5	Furs.....	\$		100		100				5	1,395	100
6	Flour of all kinds.....	Brls	29,930	131,076			131,076			6	1,500	131,076
7	Herrings.....	Cwt								7	12,750	
8	Lobster.....	Lbs	96,000	37,732	37,732					8	924	37,732
9	Leather of all kinds.....	\$								9	2,475	
10	Meats, pork, lard and beef.....	Lbs								10	3,500	
11	Oats.....	Bush	278,050	207,788			207,788			11	307,998	207,788
12	Salmon, fresh and preserved.....	Lbs								12	1,847	
13	Other articles.....	\$		7,815,916	7,027,506	6,764	110,788	4,358	666,500	13	8,254,565	7,815,916
14	Lumber, pine deals.....	Sd Hund	566	75,879	75,879					14	15,126	75,879
15	" spruce deals.....	Sd Hund	48,806	164,347	159,092				5,255	15	1,113,934	164,347
16	" all others.....	Pt	205,028	16,037	16,037					16	34,064	16,037
17	" planks and boards.....	Sd Hund	35	3,550	3,550					17	5,155	3,550
18	Wood pulp.....	Tons	50,006	1,393,834		1,393,834				18	1,351,106	1,393,834
19	Pulp wood.....	Cords	34,774	250,146		250,146				19	464,651	250,146
20	Square timber, Ash.....	Tons								20	33	
21	" Birch.....	Tons	552	10,277	10,277					21	41,646	10,277
22	" Elm.....	Tons	3,310	204,759	197,367		7,392			22	307,743	204,759
23	" Oak.....	Tons								23	236,405	
24	" Pine white and waney.....	Tons	2,029	122,001	122,001					24	89,939	122,001
25	Manufacturer of wood of all kinds.....	\$		10,623	10,623					25	60,122	10,623
Total.....				10,607,145	7,714,814	1,746,874	469,344	4,358	671,755		12,828,286	10,607,145

All goods exported by Land from this Port to Foreign Countries are not taken into account here, but at the Port of Exit from Canada. The above figures therefore only show the Quantity and Value of goods exported by water. The value of the goods exported by land is much more considerable than those exported by water.

Compiled by J. A. BELLEAU, of H. M. C.

## PORT OF QUEBEC

RECAPITULATION of the total exports for the year ending 31st December 1917, showing the Countries to which exported; with a comparative Statement of the previous year 1916.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1916	1917	1916	1917
1	Great Britain.....	10,459,050	7,714,814	2,744,236	
2	United States.....	1,286,197	1,746,874		460,677
3	France.....	1,015,850	469,344	546,506	
4	Spain.....	32,200		32,200	
5	Newfoundland.....	34,989	4,358	30,631	
6	India.....		671,755		671,755
	Total.....	12,828,286	10,607,145	3,353,573	1,132,432
	Total decrease.....				2,221,141

## PORT OF QUEBEC

STATEMENT of the Quantity and Value of Lumber, Meats, etc., imported from the United States in transitu to this Port and exported to Great Britain by Steamers during the Summer 1917.

### GREAT BRITAIN

ARTICLES	Unite of	Quantity	Quantity	Value	Value
	Quantity	1916	1917	1916	1917
Animals.....	Nos.		250		37,500
Condensed Milk.....	\$				452,312
Lumber.....	\$				24,870
Meats, canned, etc.....	Lbs	31,240	29,500	4,686	3,750
Oil.....	Brls		4,385		36,479
Other articles.....	\$			52,331	194,672
Total.....				57,017	749,583

Total Increase..... \$ 749,583





Doc *Quebec Harbour Commissioners' Report*

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# QUEBEC HARBOUR COMMISSIONERS' REPORT

FOR THE YEAR 1918

Under The Quebec Harbour Commissioners' Act, 1899



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QUEBEC HARBOUR  
COMMISSIONERS' REPORT  
FOR THE YEAR 1918

Under The Quebec Harbour Commissioners' Act, 1899

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# OFFICERS OF THE QUEBEC HARBOUR COMMISSION

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## COMMISSIONERS

HON. D. O. L'ESPERANCE, CHAIRMAN  
A. S. GRAVEL, D. H. PENNINGTON.

---

CHARLES SMITH, K.C., *Secretary-Treasurer.*

---

ST-GEORGE BOSWELL, M. INST., C.E., *Chief Engineer  
and General Supt.*

---

W. V. TAYLOR, *General-Assistant Engineer.*

---

A. C. FELLOWS, *Assistant Engineer.*

---

CAPT. THOS. MCCOUGH, *Acting Harbour Master.*

CAPT. ANGUS BAKER, *Assistant Harbour Master.*

---

E. H. S. WOODSIDE, *Accountant.*

---

W. A. MOUNTAIN, *Cost Clerk and Act'g Accountant.*

---

JOHN STAIN, *Cashier and Chief Clerk.*

LAURENT DARVEAU, *Assistant Cashier.*

---

E. GERARD HAMÉL, *Assistant-Secretary.*

---

H. PETERSON, *Elevator Superintendent.*

---

A. F. DION, *Traffic Manager.*

---

F. R. HILL, *General Foreman.*

---

G. H. BOURDON, *Purchasing Agent.*

---

P. KERWIN, *Chief Clerk, Construction Department.*

---

A. LETELLIER, *Wharfinger.*

---

P. FLYNN, *Ass't Wharfinger.*

## QUEBEC HARBOUR COMMISSIONERS' REPORT FOR THE YEAR 1918

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Quebec, January 31st, 1919

To the Honourable C. C. Ballantyne,  
Minister of Marine and Fisheries,  
Ottawa.

Sir,—

I have the honour to submit the following report on the operations of the Quebec Harbour Commission for the year 1918.

### *Chief Engineer's report*

The annexed report of the Chief Engineer, Mr. St-George Boswell, conveys information regarding the Harbour works in general, and the various additions and repairs made to the Commissioners' property.

Among the different items enumerated in his report is the completion of Shed No. 29, on the St. Charles River Quay Front which has been taken over from the contractor during last season. This fire-proof shed, which is 1000 feet long by 104 feet in width, has been used to great advantage by the Shipping Companies during the last season of navigation, together with the Grain Galleries erected in front of same.

Another fire-proof shed, 775 x 75 is now in course of erection on the St-Charles River Front, in the immediate vicinity of shed No. 29. The structural steel work of this shed and of the Dock Front Galleries is now nearly completed.

### *Harbour Master's report.*

The annexed report prepared by Capt. Thos. McGough, acting Harbour Master, contains the usual data concerning the movement of ships in the Harbour, the opening and closing of navigation and the ordinary routine of his Department.

### *Traffic Manager's Report.*

During the course of last year, 52,311 cars have been handled by the Commissioner's locomotives, as against 43,590 handled during 1917, showing an increase of 8,721 cars for the year 1918, namely:

	1918	1917
Loaded cars received.....	17,716 cars	13,304 cars
Loaded cars forwarded...	14,542 “	14,825 “
Empty cars received ....	8,707 “	8,541 “
Empty cars forwarded ...	11,346 “	6,920 “
Total .....	52,311 “	43,590 “

On this number of cars, the Car Ferry has handled 13,314 in 1918, and 13,544 in 1917.

### *Wharfinger's Report*

The annexed report of the Wharfinger gives the usual information regarding the number of vessels using the Louise Docks, and the goods landed on and shipped from the different wharves.

The number of vessels, inwards and outwards, visiting the Harbour in 1918, as compared with the year 1917, is as follows:

#### *Inwards.*

1918...	424 vessels	461,171 Tons Register
1917...	323 “	661,332 Tons Register

Increase in  
1918...101 “

#### *Outwards.*

1918...	266 vessels	594,979 Tons Register
1917...	92 “	333,859 Tons Register

Increase in  
1918...174 “

*Movement of Transatlantic Steamers in The Harbour of Quebec, in 1918*

The movement of Transatlantic Steamers during the early part of season of 1918 has been about the same as in preceding years, up to the last weeks of August, when it has increased considerably.

The following shows two periods during which the Commissioners have accomodated easily, and without the least difficulty, at the same time, from 17 to 18 big ocean-going steamers taking cargoes at our different sheds:

*Period from September 4th to September 12th.*

				Shed
SS. Saxonia.....	9082 tons	Reg...	Full Cargo....	29
" Bovic .....	4229	" "	..Full Cargo ...	25
" Novara .....	4249	" "	..Full Cargo ...	29
" Orita .....	5816	" "	..Troops .....	18
" Rimouski ....	5719	" "	..Part Cargo ...	27
" Valacia .....	4100	" "	..Full Cargo ...	27
" Telemachus .	4802	" "	..Part Cargo ...	18
" Ajana .....	4873	" "	..Part Cargo ...	20
" Cassandra ...	5228	" "	..Part Cargo ...	19
" Pannonia ....	6210	" "	..Full Cargo ...	29
" Margha .....	5091	" "	..Full Cargo ....	29
" Orvieto .....	7421	" "	..Full Cargo ...	25
" Nankin .....	4251	" "	..Full Cargo ...	19
" Themistocles.	7046	" "	..Part Cargo ...	18
" Bellerophon .	5744	" "	..Part Cargo ...	26
" Durham Cas-				
tle .....	5180	" "	..Troops .....	18
" Haverford ...	7493	" "	..Part Cargo ...	18

There were at the same time at shed No. 20 constantly two and sometimes three of the wooden ships built at Quebec. In this statement are no included the Coasting Vessels and Great Lakes Coal Ships berthed in the Inner Basin, three in number as an average.

*Period from October 22th to November 9th.*

					Shed
SS. Pannonia	..6207 Tons	Reg...	Full Cargo	...	19
" City of Can-					
ton	.....4471	" "	..Full Cargo	...	26
" Novara	.....4249	" "	..Full Cargo	...	29
" Columbella	..4316	" "	..Part Cargo	...	26
" Martaban	...3281	" "	..Full Cargo	...	27
" Alcinous	....4278	" "	..Full Cargo	...	29
" Cassandra	..5228	" "	..Part Cargo	...	18
" Oristano	....2718	" "	..Full Cargo	...	25
" Nankin	.....4251	" "	..Full Cargo	...	19
" Craycroft	...1367	" "	..Repairs	.....	14
" Orbita	.....10139	" "	..Full Cargo	...	20
" Corsican	....7272	" "	..Part Cargo	...	18
" Metwen	.....3042	" "	..Part Cargo	...	18
" Miltiades	...4938	" "	..Troops	.....	19
" Dominion	...4437	" "	..Full Cargo	...	27
" Androscog-			Waiting on		
gin	..... 550	" "	..Trawlers	.....	28
" Lake India...	1178	" "	..Repairs	.....	14
" Mariska	....1875	" "	..In 2 parts	...	28

During the intermediate periods, there was an average of from 8 to 12 transatlantic steamers taking cargo at the same time.

For a considerable time, the Commissioners had used their best endeavours to obtain for the Port of Quebec its just share of the immense traffic which has being carried from Canada to European and other foreign Ports. While regretting that this Port



was only taken advantage of at a late hour during last year, the Commissioners are satisfied that the few months' trial given to Quebec have fully demonstrated that the Shipping interests can be supplied here with as good facilities as at any other Port of the Continent, and they sincerely hope that the Port of Quebec will be used to full capacity in future.

### *Equipment of the Port of Quebec.*

The Harbour of Quebec offers unequalled facilities to the Shipping Trade. It is supplied with City Water and Electric Light and Power Installations.

It is spacious, deep and well protected.

It has :

MODERN LANDING SHEDS containing 523,000 square feet of floor area :

DEEP WATER BERTHS for 22 vessels drawing up to 40 feet at low tide ;

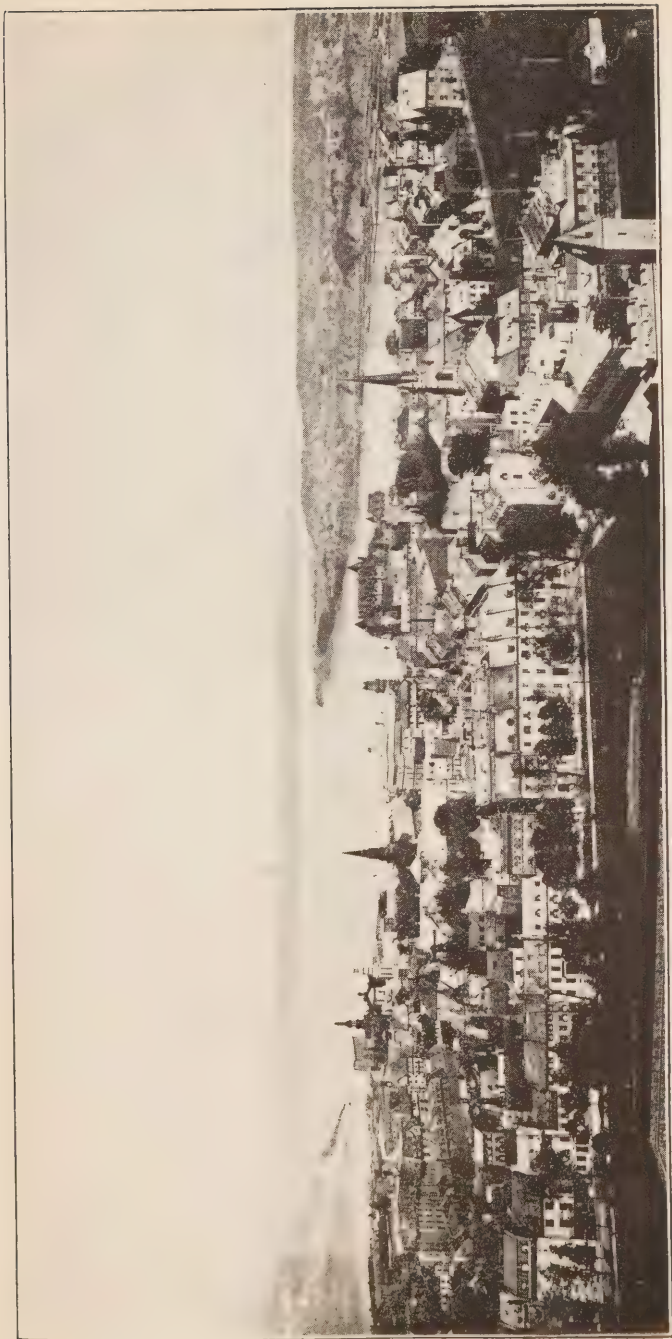
50 ton FLOATING CRANE ;

GANTRY DOCK CRANES AND LOCOMOTIVE CRANES available at all times for handling cargoes ;

ONE GRAIN ELEVATOR with a capacity of 250,000 bushels ;

ONE FIREPROOF CONCRETE GRAIN ELEVATOR, with a capacity of 2,000,000 bushels, with Grain Galleries and Conveyors ; loading capacity, 60,000 bushels per hour. It has also a Grain Dryer, a Richardson Separator and a Begging Shed. Also special facilities for bunkering vessels, and Railway connection with all railways.





Bird's eye view of part of Quebec Harbour



As regards railway facilities, the Commissioners consider that the Port of Quebec occupies an unique position from the fact the three great trans-continental roads, viz: Canadian Pacific Railway, Canadian Northern Railway and The National Transcontinental Railway have access to its wharves.

The Port of Quebec possesses: two Graving Docks:

One 600 feet long by 62 feet wide at entrance:

One (new) 1,150 feet long by 120 feet wide at entrance capable of taking the largest vessels, with repair shops in connection, capable of executing all required reparations.

The Port of Quebec is the only Port on the St. Lawrence which can accomodate during 8 months, vessels of a large draught, and it can compete with any of the great American Ports.

#### *Quebec Harbour Commissioners' Tariffs.*

The Quebec Harbour Commissioner's Tariffs have been thoroughly revised during the course of last year. The new Tariffs were sanctioned by the Governor-General in Council on the 11th of May, 1918, and were put into effect on the first of July last.

Many changes were made which constituted a new departure from the system previously in force.

The old Tariffs provided for a charge of one tenth of 1% payable on the invoice value of all goods imported into and exported from the Harbour of Quebec by water. The above charge has been abolished, and no more Import nor Export dues on merchandise are levied at the Port.

As will be seen by the new By-Law No. 91, the Commissioners are empowered to allot to persons, firms or corporations, certain areas of wharves or

sheds in the Harbur of Quebec upon such conditions as may be deemed avisable.

In such cases, the Commissioners may exempt vessels belonging to such persons, firms or corporations, and using the wharves or sheds so allotted, from the payment of the whole or part of the Tonnage and Moorage Dues payable under the Commissioners By-Laws.

The Wharfage Tariff on goods has been carefully revised, and compares favorably with any existing tariffs in Canada.

The Commissioners, in preparing their present Tariffs have had in view the placing of the Port of Quebec in keeping with the others Ports in Canada, and if its new facilities are taken advantage of, the Shipping Corporations will certainly find it beneficial to themselves by selecting the Port of Quebec as a distributing centre on the St-Lawrence River.

### *Elevator Superintendent's Report*

The following is a comparative statement of grain handled at the Quebec Harbour Commissioners' Elevator No. 2 for the years 1917 and 1918:

Grain received	
1917	
In store at end of season 1916.....	194,227 bushels
Total received in 1917 .....	951,041 “
	<hr/>
	1,145,268 “
1918	
In store at end of season 1917.....	61,206 bushels
Total received in 1918 .....	5,631,228 “
	<hr/>
	5,692,434 “
Grain delivered	
Year 1917 .....	1,084,062 Bushels
Year 1918 .....	5,351,190 “

There were in the Elevator, at the end of December 1918, 341,244 bushels of grain.

The Commissioners are at present receiving into their Elevator No 2, 1,500,000 bushels of wheat for Export at the beginning of season of navigation.

The Elevator Plant and Galleries have worked satisfactorily during last season, and it is to be hoped that they will be used to their fullest capacity during the coming year.

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The revenue of The Quebec Harbour Commission, for the year 1918, has been \$437,496.31, being an increase of \$169,683.63, as compared with the Revenue of 1917, a very satisfactory result if we consider that grain shipments from this Port in 1918 were only started in the latter part of August. Notwithstanding this, a quantity of over 5,000,000 bushels was handled in a very short period, approximately three months. This goes to demonstrate that the Port of Quebec could have done considerably more if it had been operated for a full season.

### *Convention of Port Authorities*

On September 19th, 1918, the Commissioners attended the seventh annual Convention of the American Association of Port Authorities held at Boston, Mass.

Several important subjects were discussed, such as: "Deeper Harbours and Port Equipment"; "Government Port Ownership as against Railway or Corporate Ownership"; "Distribution of Trade in Sea-ports after the war", etc.

The dominant note during the meetings of the Convention was that our respective Countries should spare no efforts towards winning the Great War;



but, after it had been brought to a successful termination, that all Harbour and Port authorities should devote their best attention and give all their thought and consideration to the following subjects necessary to make our Countries foremost in the Commerce of nations, viz: Development of Harbours and Waterways; Merchant Marine, Railway and General Transportation Facilities.

The Quebec Harbour Commission was represented, at the Convention by its Chairman, by Commissioner Mr. A. S. Gravel and by the Secretary-Treasurer of the Commission.

The Chairman of the Quebec Harbour Commission had the honour of being re-elected a Member of the Board of Directors of the Association for the ensuing year.

The next Annual Meeting of the Association will be held at Galveston, Texas, in November 1919.

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The Commissioners were also represented at the sittings of the Board of Grain Commissioners which were held at Toronto and Montreal during the year.

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Before closing this report, it is gratifying for the Commissioners to say that the Canadian Government Steamer "Canadian Voyageur" was able to leave the Harbour of Quebec on January 21st 1919 and to proceed to sea, on her way to Halifax where she arrived safely.

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To this report are annexed the various statements conveying the information yearly forwarded to your Department in connection with the Harbour, and also a complete statement of the Commissioners' accounts for the year 1918.

I have the honour to be,

Sir,

Your obedient servant,

(Signed) D. O. L'ESPERANCE,

*President.*

A true copy,

CHARLES SMITH,

*Sec.-Treasurer.*

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## CHIEF ENGINEER'S REPORT

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Quebec, January 2nd, 1919

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Harbour Commission,  
Quebec.

Sir:—

I have the honour to submit the following, with reference to the various works of maintenance and improvement carried out during the past Season.

### *Princess Louise Docks*

Owing to the fact that a large area at the Western End of the Embankment, between the old and new S. Charles River Quay Walls, was under rental during the past year to The Quebec Shipbuilding & Repair Co., for use as a ship-yard, the work of grading cannot be resumed until the site now under lease reverts to the Commission.

### *New Landing Sheds*

The first of the two fire-proof Landing Sheds, 1000 x 104 feet, situated on the St. Charles River Quay Front, was taken over from the Contractor last Season and, with the Grain Galleries, has afforded facilities which have been fully taken advantage of by the Shipping interests, the available berths having been constantly occupied.

A railway line has been laid down along the Shore side of this Shed, and an additional Gantry Locomotive Crane provided for use along the Dock Front.





Pier No 1, on the St. Charles River side



The second of these Landing Sheds, 775 feet long by 75 feet wide, is under construction by contract, the structural steel work of the Shed and Dock Front Grain Gallery is now about completed.

### *Grain Elevator*

A grain Bagging Shed has been erected at the Western End of the new Annex to Elevator; and a temporary wooden office building placed near the Elevator, for the accommodation of the clerical staff and Grain Inspectors.

Eleven spare Motors have been purchased for the purpose of replacing any of the operating Motors in case of a break down.

### *Dredging*

The bucket-ladder Dredge was not put in commission last Season, but was overhauled, painted and prepared for work; the Dump Scows not in use, were scraped and painted and generally put in good order. A Floating Derrick with grab bucket was used for dredging along the berths and in the approach channel, where required to give the depth of 35 feet at Low Water O. S. T.

### *Sundry Repairs*

The roof of Shed No. 20 has been repaired, and the roof of Shed No. 18 painted.

The deck beams and planking of Cross-Wall Draw Bridge have been renewed.

On the 15th of October last the SS. "Grain-creek" ran into the Cross-Wall Bascule bridge, and caused considerable damage to this structure.

The railway tracks, Landing Sheds, (with the exception of No. 26) and the Commissioners property generally, have been kept in a good state of repair.

### *Victoria Cove Quarry*

All the plant installed for the operation of this Quarry not disposed of has been removed, and quarrying operations discontinued. The quarried stone on hand has been made use of for filling in the River End of the Long Wharf at Indian Cove.

### *Indian Cove*

The River End of the Long Wharf for seven feet down from coping level and for a length of 131 feet, has been rebuilt and partially filled with wharf stone, this with the part repaired after the damage caused by the SS. "Whakatane" gives a length of some 300 feet of this wharf in good condition.

The saw-mill on this wharf has been dismantled and the machinery disposed of.

On the evenings of November 18th and 19th, high tides accompanied by a strong East Wind caused considerable damage to the Commissioners property.

On the Pier No. 1 the wharf planking and carriage roadway were lifted and displaced, as was also the railway line along the Dock Front; the flooring of Shed No. 26 was lifted and a number of the doors carried away, so much so that this Shed will have to be practically rebuilt.

On the Point-a-Carcy Pier, the Northern End of Shed No. 21 received considerable damage, the floors were broken in by the force of the waves, and the shed flooring lifted.

At Indian Cove, the top of the Long Pier for an average depth of ten feet was carried away, with the exception of some 300 feet at the Northern or River End, and the part on which the Mill building

is situated. As this wharf gave protection to the Commissioners scows and timber, these latter went adrift when the top of the wharf was washed out.

The highest of these tides, that on the evening of November 19th, rose to an elevation of 23'2" above the Commissioners Low Water mark, or 5 feet 2 inches above normal level of ordinary Spring Tides.

The Cross-Wall Draw Bridge was operated for the first time the past Season on April 9th, and for the last time on December 18th. The water was retained in the Wet Dock for the first time for the Season on April 29th, and for the last time on December 7th.

I have the honour to be,

Sir,

Your obedient servant,

ST-GEORGE BOSWELL,

*Chief Eng. & General Supt.*

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## HARBOUR MASTER'S REPORT

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Quebec, January 5th, 1919

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Harbour Commissioners,  
Quebec.

Sir:—

I have the honour to submit reports showing tonnage of ocean, coasting and lake steamers landing at the Commissioners' wharves, during the seasons of navigation 1914, 1915, 1916, 1917 and 1918, also summaries covering these dates.

1918.

January 3rd, SS. Lady Grey left for Grosse Isle, returned the same day.

January 11th, SS. Favorite left for Boston.

January 16th, SS. Montcalm left for Red Island.

January 23rd, Montcalm arrived from Gaspé.

February 27th, SS. Montcalm left for the first time to work in the ice in Montreal river.

April 4th, Schrs. Floride and St. Francois Xavier arrived from Coudre Island.

April 6th, SS. Druid left for Crane Island, returned the same day.

April 9th, SS. Savoy left for North Shore on her first trip.

April 18th, The Island of Orleans Ice Bridge broke up.

April 21st, The St. Charles River free of ice.

April 22nd, SS. Bellechasse left for Montreal.

April 25th, SS. De Levis came down to Quebec from Sorel with a Barge.

April 30th, SS. Saguenay the first Montreal boat of the season.

April 30th, SS. Polaris and Car Ferry left for Montreal.

April 30th, Steam Dredge No. 8 arrived from Sorel.





Coal discharging plant





May 1st, The Saguenay river clear of ice.

May 7th, SS. Manchester Hero first ocean vessel arrived.

November 29th, SS. "Largo Law" last ocean vessel left for sea.

December 9th, SS. Canadian Pioneer from Montreal arrived.

December 10th, SS. G. A. Flagg left for New York.

December 12th, SS. Canadian Voyageur from Montreal arrived.

December 16th, SS. Contocoak from Montreal arrived and on the 17th, for sea.

December 16th, SS. Le Quesnoy from Montreal arrived.

December 17th, SS. Lady Grey last vessel from Montreal arrived.

December 30th, SS. Castalia last vessel leaving for sea.

### *Vessels Built at Quebec in 1918*

#### Date of Launching:

May 11th, SS. War Mohawk.

June 10th, SS. Ferry Canora.

June 13th, SS. War Seneca.

June 28th, SS. War Quebec.

July 27th, SS. War Gaspé.

Sept. 7th, SS. War Sorel.

Sept. 23rd, SS. War Matane.

Nov., 4th, Schr. Edgewood.

I have the honour to be,

Sir,

Your obedient servant,

CAPT. THOS. MCGOUGH,  
*Acting Harbour Master,*

# RECORD OF ARRIVALS AT THE PORT OF QUEBEC, 1918.

Month	COASTING VESSELS				OCEAN VESSELS			OCEAN VESSELS		Vessels for the Total month	Total Gross Tonnage per month.
	From Seawards		From Montreal and the Lakes		Inwards		Calling from Montreal				
	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels			
April	2,297	6	9,055	6	.....	.....	.....	.....	12	11,352	
May	12,998	14	71,725	46	44,711	6	.....	.....	66	129,431	
June	14,606	15	77,469	52	19,760	3	8,623	1	71	120,458	
July	12,824	16	61,726	42	179,712	26	54,530	10	94	308,792	
Aug.	11,628	16	61,216	46	205,802	26	124,026	16	104	402,672	
Sept.	12,020	12	61,650	41	233,220	32	364,902	48	133	676,792	
Oct.	22,945	22	22,149	34	347,092	46	210,826	26	128	643,012	
Nov.	15,471	12	108,261	52	114,850	14	102,854	14	92	341,436	
Dec.	24,761	15	106,140	42	.....	..	.....	.....	57	130,901	
	129,550	128	619,391	361	1,150,147	153	865,761	115	757	2,764,849	

Total Tonnage for Season 1918:—2,764,849 Tons.

The unusual amount of Tonnage from Montreal is due to the Government shipments.

# PORT OF QUEBEC—RECORD OF SHIPPING ARRIVALS—1918

	Number of vessels	Gros Tonnage
Soasting vessels from seawards.....	128	129,550 Tons
Coasting vessels from Montreal and Lake Boats.....	361	619,391 “
Ocean Steamships—Inwards .....	153	1,150,147 “
Ocean Steamships—Outwards from Montreal .....	115	865,761 “
	757	2,764,849 “

Total Tonnage for 1918:—2,764,849 Tons.

The unusual large amount of Tonnage from Montreal is due to the Government shipments.

# SUMMARY OF THE NUMBER OF GROSS TONNAGE OF VESSELS ARRIVING AT THE PORT OF QUEBEC, 1914, 1915, 1916, 1917, 1918.

Year	COASTING VESSELS				OCEAN VESSELS		OCEAN VESSELS		Total Vessels for the year	Gross Tonnage for the year
	From Seawards		From Montreal and the Lakes		Inwards		Calling from Montreal outwards			
	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels		
1914.	217,728	137	156,950	119	2,134,861	259	1,131,874	140	655	2,641,413
1915.	174,488	151	268,938	180	1,049,955	152	404,521	69	552	1,891,813
1916.	95,614	112	244,990	182	944,161	151	796,493	147	592	2,081,148
1917.	120,983	142	355,496	229	961,133	153	737,262	158	681	2,164,874
1918.	129,550	128	619,391	361	1,150,147	153	865,761	115	757	2,764,849



Gantry Locomotive Crane



## WHARFINGER'S REPORT

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Quebec, January 2nd, 1919

CHARLES SMITH, Esq.,

Secretary-Treasurer,

Quebec Harbour Commission,

Quebec.

Sir:—

I have the honour to submit the following with reference to the traffic on the St-Charles Docks and Wharves, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from the Docks during season 1918.

Inwards 424 Vessels....461,171 Tons Register.

7,475	Tons	General Cargo.
10,194	"	Salt.
447	"	Cattle.
446	"	Brick.
231	"	Earthenware,
748	"	Stone.
2,145	"	Whiting.
258,941	"	Bituminous Coal.
69,197	"	Anthracite Coal.

Outwards 266 Vessels...594,979 Tons Register.

5,534	Tons	Munitions.
17,717	"	Shells.
7,969	"	Bacon.
4,312	"	Condensed Milk.
1,008	"	Lard.



4,053	Tons	Meat.
783	"	Flour.
135	"	Fish.
986	"	Sheep.
130	"	Canned Fish.
694	"	Eggs.
17	"	Preserved Fruits.
1,243	"	Pig Lead.
5,393	"	Pig Iron.
6,877	"	Steel Billets.
538	"	Ferro Silicon.
408	"	Copper.
64	"	Wire Rods.
72	"	Tractors.
1,054	"	Wood Alcohol.
10	"	Motor Launches.
125,720	"	Cubic feet Timber.
2,918,431	"	Feet B. M. Timber.
109,134	"	Feet B. M. Birch.
11,513,393	"	Feet B. M. Lumber.
2,618,869	"	Bundles Spool Wood.
818,882	"	Feet B. M. Spool Wood.

### *Lower Port Steamers*

61 Vessels 19,481 Tons Register.

Landed.... 1,680 Tons General Cargo.

Shipped.... 4,548 Tons General Cargo.

The Dominion Coal Company have 5,000 Tons of Coal stored on the space rented to them.

The Nova Scotia Steel & Coal Company have 55,000 tons of Coal stored on the space rented to them.

There are wintering on Louise Docks; Lumber, Timber, Coal, etc.



There are stored in the different Freight Sheds, Spoolwood, Salt, Ferro Silicon, Steel Billets, and Pig Iron.

The Docks are occupied during the winter months by a large number of Vessels of various Tonnages, where they find safe quarters until the opening of navigation.

I have the honour to be,

Sir,

Your obedient servant,

A. LETELLIER,

*Wharfinger.*

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## TRAFFIC MANAGER'S REPORT

Quebec, 31st December, 1918

ST-GEORGE BOSWELL, Esq.,  
Chief Engr. & General Supt.,  
Harbour Commission,  
Quebec.

Sir:—

I beg to submit for the information of the Commissioners a report of the operation of the Traffic Department during the year 1918.

Loaded cars received.....	17,716	
Loaded cars forwarded....	14,542	
	<hr/>	32,258
Empty cars received.....	8,707	
Empty cars forwarded....	11,846	
	<hr/>	20,553
Total number of cars handled ...	<hr/>	52,811
Cars handled by "car ferry".		

### *Account Grand Trunk Railway System.*

Loaded cars received.....	4,264	
Loaded cars forwarded....	4,791	
Empty cars received.....	1,701	
Empty cars forwarded....	1,061	
Total.....	<hr/>	11,817

### *Account Quebec Central Railway.*

Loaded cars received .....	284	
Load cars forwarded .....	963	
Empty cars received .....	234	
Empty cars forwarded ....	16	
Total .....	<hr/>	1,497

Total number of cars handled by "Car Ferry" 13,314	
Number of loaded cars interchanged via Harbour Tracks and Car Ferry .....	5,109
Loaded Passenger, Mail and Baggage cars handled.....	1,620
Number of cars loaded with coal on Louise Embankment.....	4,837

The Commissioners' four locomotives are being cared for by the staff in our shop.

Your obedient servant,

A. F. DION, *Traffic Manager.*

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REPORT OF THE SUPERINTENDENT OF THE  
QUEBEC HARBOUR COMMISSIONER'S  
ELEVATOR No. 2

Quebec, January 1st, 1919.

ST-GEORGES BOSWELL, ESQ.,  
Chief Engr. & General Supt.,  
Harbour Commission,  
Quebec.

Sir:—

For your information and that of the Harbour Commissioners, I beg to submit the following Report of the Harbour Commissioners Grain Elevator No. 2, for the season of 1918.

The total amount of grain being as follows:

*Grain Received*

In store at end of season 1917.....	61,206 Bus.
Wheat .....	3,257,368 Bus.
Oats .....	2,209,823 “
Corn .....	88,760 “
Barley .....	67,197 “
Other grain .....	8,280 “
	<hr/> 5,631,228 Bus.
Grand Total .....	5,692,434 “

*Grain Delivered*

By Conveyor System...	4,271,027 Bus.
By Cars .....	339,360 “
By Bags .....	740,803 “
Total Delivered .....	<hr/> 5,351,190 Bus.
In store January 1st, 1919.....	341,244 “
From above amount 327,372 bus. was recleaned twice and.....	192,177 bus. was recleaned once
	<hr/> 519,549 bus.

The Plant as a whole worked satisfactorily, apart from a few defects in the Galleries System, which will be set right this winter.

Respectfully submitted,

H. PETERSON,  
*Superintendent.*



*Aug 26 Frankensfels 29.7.18*

Travelling Grain Loaders, in operation



EXPENDITURE ON CAPITAL ACCOUNT ON APPROVED  
ESTIMATES OUT OF THE VOTE OF PARLIAMENT,  
UNDER THE "QUEBEC HARBOUR ADVANCES  
Act, 1913-1917

Dredging St. Charles River .....	\$ 6,204.83
Quay Extension St. Charles River.....	874.75
Grain Elevator No. 2.....	1,359.60
Grain Loading Galleries .....	185,887.46
New Storage Annex to Elevator No. 2..	31,261.78
Railway Yard (Tracks on New Quay Extension) .....	3,884.07
General Plant and Equipment.....	15,296.74
Water Lines to Landings & Dock Front..	1,299.25
Permanent Fireproof Landing Sheds...	110,488.08
<hr/>	
Total Capital Expenditure Year 1918...	\$356,556.56

Quebec Harbour Commissioners Office  
Accounting Department.

W. A. MOUNTAIN,  
*Acting Accountant.*

CHARLES SMITH,  
*Secretary-Treasurer.*

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# COMPARATIVE STATEMENT OF THE QUEBEC HARBOUR COMMISSIONER'S REVENUE FOR THE YEARS 1917-1918.

	1917	1918	Difference	1918
Elevators .....	\$ 25,680.63	\$111,355.60	\$ 85,674.97	Increase.
Sheds .....	5,161.51	12,024.16	6,862.65	Increase
Freight Hoists .....	12,015.90	16,724.00	4,708.10	Increase
Harbour Railways .....	42,907.95	65,164.23	22,256.28	Increase.
Floating Crane .....	4,057.03	5,532.32	1,475.29	Increase.
Wharfages .....	34,936.12	68,086.20	33,150.08	Increase.
Rentals .....	104,276.59	99,211.89	5,064.70	Decrease.
Sundry Receipts .....	32,758.80	54,719.90	21,961.10	Increase
Interest .....	6,018.15	4,678.01	1,340.14	Decrease
Total .....	\$267,812.68	\$437,496.31	\$169,683.63	Increase

Quebec Harbour Commissioners' Office,  
Accounting Department.

W. A. MOUNTAIN, *Acting Accountant.*

CHARLES SMITH, *Secretary-Treasurer.*



# QUEBEC HARBOUR COMMISSIONERS'

REVENUE ACCOUNT FOR THE YEAR ENDED 31st DECEMBER, 1918.

OPERATING RECEIPTS.		OPERATING EXPENDITURES	
Elevators .....	\$111,355.60	Elevators .....	\$ 71,698.21
Sheds .....	12,024.16	Sheds .....	37,880.82
Freight Hoists .....	16,724.00	Freight Hoists .....	14,871.36
Harbour Railways .....	65,164.23	Harbour Railways .....	72,104.93
Floating Crane .....	5,532.32	Floating Crane .....	6,760.09
Wharves .....	68,086.20	Wharves .....	54,143.49
Rentals .....	99,211.89	Sundry Expenditures .....	36,535.69
Sundry Receipts .....	54,719.90	Interest on Debentures .....	46,000.00
Interest .....	4,678.01	Administration .....	78,257.45
Total Revenue .....	\$437,496.31	Total Expenditure .....	\$418,252.04
		Surplus over Years working expenses	19,244.27
		Total .....	\$437,496.31

Quebec Harbour Commissioners' Office,  
Accounting Department.

W. A. MOUNTAIN, *Acting Accountant.*

CHARLES SMITH, *Secretary-Treasurer.*



Unsettled Claims against the Dominion

Government.	
Department of Public Works .....	305,209.04
Department of the Interior .....	351,437.32
Dept. of Marine and Fisheries ..	314.25
Accounts Receivable .....	656,960.61
	<u>74,384.57</u>
Cash on Hand and in Bank .....	731,345.18
Suspense Accounts .....	323,543.26
Accrued Rentals .....	11,966.28
Unexpired Insurance .....	4,621.65
Employees' Victory Loan Fund.....	2,064.96
	<u>5,942.94</u>
	\$ 13,143,657.01

Surplus.

Revaluation Account ..	162,528.12
Profit and Loss Account	550,449.02
	<u>712,977.14</u>
	\$ 13,143,657.01

NOTE.—The arrears of Interest on the old Debentures of the Dominion Government have not been accrued or in any way incorporated in the above statement.  
Interest on the 'Quebec Harbour Debentures' Series "A" amounting to \$791,805.86 for three years to July 1st, 1918, have not been paid nor provided for in the above statement.

AUDITORS CERTIFICATE.

We have the honour to report that we have examined the above statement of assets and liabilities of the Quebec Harbour Commissioners to the 31st December, 1918, and we hereby certify that, subject to the above note relating to Interest on Debentures, it exhibits the true position of the Commission at that date, as shown on the books and information supplied to us.

Quebec, March 6th 1919.

(Signed) **LARUE & TRUDEL,**  
Auditors, C.A., L.I.A.

MEMORANDUM showing the opening and closing of Navigation in  
the Port of Quebec from 1830 to 1918.

Year	First Arrival of Schooner from Below	First steamer from Montreal	First arrival from Sea	Last Sailing for Sea
1830	.....	April 17	April 17	December 4
1831	.....	April 21	April 16	November 30
1832	.....	April 29	May 4	November 30
1833	.....	April 18	May 10	November 25
1834	.....	April 18	May 6	November 24
1835	.....	May 4	May 2	November 23
1836	.....	May 11	May 11	November 26
1837	.....	May 1	April 29	November 16
1838	.....	April 28	May 3	November 20
1839	.....	April 21	May 8	November 23
1840	.....	April 19	April 25	November 29
1841	.....	May 1	April 29	November 23
1842	.....	April 21	May 3	November 28
1843	.....	May 5	April 18	November 23
1844	.....	April 24	May 3	November 23
1845	.....	April 25	May 1	November 26
1846	.....	April 17	April 24	November 27
1847	.....	May 8	May 8	November 26
1848	.....	April 6	May 1	November 21
1849	.....	April 25	April 28	November 25
1850	.....	April 25	April 28	November 28
1851	.....	April 22	April 20	November 29
1852	.....	April 30	April 15	December 4
1853	.....	April 23	April 24	November 26
1854	.....	May 5	April 29	November 29
1855	.....	May 6	May 6	November 22
1856	.....	April 27	April 20	November 23
1857	.....	April 17	April 28	November 24
1858	.....	April 18	April 29	November 25
1859	.....	April 22	April 29	November 28
1860	.....	April 26	April 28	November 26
1861	.....	April 26	April 22	November 26
1862	.....	April 20	April 16	November 29
1863	.....	May 3	May 4	November 27
1864	.....	April 25	April 27	November 30
1865	.....	April 21	April 29	November 28
1866	.....	April 26	April 28	December 1
1867	.....	May 3	April 17	November 29
1868	.....	April 28	April 23	November 28
1869	.....	April 30	April 27	November 27
1870	.....	April 25	April 16	December 2
1871	.....	April 18	April 22	November 27
1872	.....	May 6	April 30	November 26
1873	.....	May 2	April 28	November 22
1874	.....	May 10	April 28	November 25
1875	.....	May 9	April 29	November 23

MEMORANDUM showing the opening and closing of Navigation in  
the Port of Quebec from 1830 to 1918.

Year	First arrival of schooner from below	First steamer from Montreal	First arrival from Sea	Last Sailing for Sea
1876	.....	May 9	May 6	November 26
1877	.....	April 26	April 25	November 23
1878	.....	April 21	April 20	November 24
1879	.....	May 2	April 29	November 28
1880	April 30	April 30	April 30	November 27
1881	April 1	April 26	April 26	November 28
1882	April 22	April 28	April 22	December 2
1883	April 23	May 5	April 23	December 1
1884	April 20	April 29	May 1	December 8
1885	April 19	May 7	May 5	November 21
1886	April 24	April 27	April 29	
1887	April 14	May 3	April 29	November 28
1888	April 8	May 4	April 29	November 30
1889	April 1	April 22	April 26	November 27
1890	April 3	April 29	April 29	November 25
1891	March 29	April 27	April 27	November 30
1892	April 27	April 24	April 28	November 24
1893	April 1	May 6	April 20	November 24
1894	March 21	April 23	April 26	December 5
1895	April 4	April 28	April 26	November 28
1896	April 22	May 1	April 24	November 26
1897	April 7	April 25	April 29	November 27
1898	April 12	April 19	April 25	November 28
1899	April 5	May 3	April 22	November 30
1900	March 28	April 27	April 23	December 5
1901	April 2	April 27	April 20	November 27
1902	March 21	April 15	April 13	December 4
1903	March 20	April 19	April 18	December 6
1904	March 31	May 3	April 24	December 8
1905	March 25	April 26	May 2	November 24
1906	April 4	April 24	April 23	December 2
1907	April 4	May 2	April 26	November 25
1908	April 8	May 1	April 21	December 1
1909	April 4	April 25	April 21	December 3
1910	March 28	April 15	April 9	December 1
1911	April 9	April 30	April 27	December 8
1912	April 9	April 28	May 1	December 12
1913	April 4	April 23	April 26	December 13
1914	April 3	May 1	April 28	December 4
1915	April 4	April 15	April 30	December 16
1916	April 8	April 23	April 30	December 21
1917	April 2	April 27	April 30	December 21
1918	April 4	April 30	May 7	January 11

## NOTES

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1883

An ice bridge formed before the City on February 2nd, and broke up on April 23rd.

1884

An ice bridge formed before the City during the night of the 15th and 16th of January, and stood until the 16th of the same month until 2 o'clock p.m.

Another ice bridge formed on January 20th and stood until April 19th.

In that year two considerable floods have occurred: the first on March 28th and the second on November 5th. In both cases the level of the St. Lawrence reached an average of between six and seven feet above the highest ordinary tides.

1885

Extraordinary low tides prevailed from February 15th to April 4th. In the Louise Basin, during that period, the average has given four feet lower than the usual low tides.

1886

On January 9th, an extraordinary high tide prevailed, the water having risen two feet higher than the ordinary flood tides.

1887

The SS. *Geetlands*, loaded with coal, from Sydney, Cape Breton, which had not been able to reach Quebec, in the Fall of 1886, on account of the ice, and which wintered at Les Eboulements, Charlevoix, County, arrived in Port the 2nd of April, at 1.30 p.m.





Travelling Grain Loader





1889

An open boat, belonging to a Mr. Dufort, of Crane Island arrived in Port, with passengers, on the 16th of March, at 6.30 p.m.

1892

An ice bridge formed before the City on 4th March and broke up on 19th April.

1897

The SS. *Polino* went up to Montreal on April 21st.

1898

An ice bridge formed before the City on 22nd January and broke up on 10th April.

1905

SS. *Polino* left for Newfoundland on April 12th.

1910

Passenger ferry *Mahone* arrived from River du Loup on the 25th of March.

SS. *General Wolfe* left for the Lower St. Lawrence with passengers and cargo on the 24th of March and returned on the 30th of same month.

SS. *General Wolfe* arrived from the Lower St. Lawrence on the 5th December, and SS. *Aranmore* and *Canada*, arrived on the 6th.

C. G. S. *Montmagny*, left for Halifax on the 9th of December.

1911

SS. *Aranmore* left for the Lower St. Lawrence on the 9th of April and returned on the 19th of the same month.

DEPARTMENT OF PUBLIC WORKS, CANADA,  
DOCKMASTER'S OFFICE.

Levis, 28th April, 1919.

Tide Register for 1918 from a gauge at the Levis Dry Dock, the zero of which is level with the Dock Sill or 7.50 feet below low-water Spring tide.

- January — Highest tide 26.0 ft. on 12th at 7.28 p.m.  
Lowest tide 7.6 ft. on 14th at 2.45 p.m.  
West wind. during 22 days.  
East wind during 5 days.  
North wind during 3 days.  
South wind during 1 day.
- February — Highest tide 24.0 ft. on 25th at 6.30 a.m.  
Lowest tide 9.8 ft. on 18th at 7.00 p.m.  
West wind during 20 days.  
North wind during 5 days.  
South wind during 3 days.
- March — Highest tide 27.0 ft. on 15th at 8.00 a.m.  
Lowest tide 9.0 ft. on 16th at 4.45 p.m.  
West wind during 17 days.  
East wind during 5 days.  
North wind during 7 days.  
South wind during 2 days.
- April — Highest tide 27.3 ft. on 13th at 7.15 a.m.  
Lowest tide 9.8 ft. on 1st at 4.00 p.m.  
West wind during 6 days.  
East wind during 15 days.  
North wind during 5 days.  
South wind during 4 days.
- May — Highest tide 27.8 ft. on 11th at 6.15 a.m.  
Lowest tide 9.6 ft. on 9th at 12.45 p.m.  
West wind during 10 days.  
East wind during 13 days.  
North wind during 3 days.  
South wind during 5 days.

June —Highest tide 27.2 ft. on 10th at 9.15 a.m.  
Lowest tide 9.0 ft. on 11th at 4.45 p.m.  
West wind during 13 days.  
East wind during 8 days.  
North wind during 3 days.  
South wind during 6 days.

July —Highest tide 27.5 ft. on 9th at 6.45 a.m.  
Lowest tide 8.7 ft. on 27th at 3.45 p.m.  
West wind during 14 days.  
East wind during 13 days.  
North wind during 3 days.  
South wind during 1 day.

August —Highest tide 25.5 ft. on 24th at 7.45 a.m.  
Lowest tide 7.5 ft. on 21st at 1.15 p.m.  
West wind during 19 days.  
East wind during 7 days.  
North wind during 2 days.  
South wind during 3 days.

September —Highest tide 26.2 ft. on 21st at 6.45 p.m.  
Lowest tide 8.0 ft. on 20th at 1.00 a.m.  
West wind during 11 days.  
East wind during 10 days.  
North wind during 5 days.  
South wind during 4 days.

October —Highest tide 27.6 ft. on 21st at 7.15 p.m.  
Lowest tide 8.0 ft. on 6th at 1.30 a.m.  
West wind during 17 days.  
East wind during 6 days.  
North wind during 3 days.  
South wind during 5 days.

November —Highest tide 31.0 ft. on 19th at 6.45 p.m.  
Lowest tide 8.0 ft. on 6th at 3.30 p.m.  
West wind during 16 days.  
East wind during 9 days.  
North wind during 2 days.  
South wind during 3 days.

December —Highest tide 26.8 ft. on 4th at 7.0 p.m.  
Lowest tide 8.0 ft. on 20th at 3.12 p.m.  
West wind during 18 days.  
East wind during 8 days.  
North wind during 2 days.  
South wind during 3 days.

ALF. SAMSON,  
*Supt. Levis Dry Dock.*

Levis Dry Dock,  
28th April 1919.

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View of the Grain Galleries under construction, as they appeared at the end of season of 1918









## 45 YEARS OF TRADE

STATEMENT of the total value of Imports and Exports of Merchandise in to and from this Port, during forty-four years from 1st January 1874 to 31st December 1918  
 ing the Countries whence Imported and to which Exported.

Nos	COUNTRIES	Imports from 1874 to 1918 in-		Exports from 1874 to 1918 in-		Total Import- and Exports for the last 45 years
		clusively 45 years	clusively 45 years	clusively 45 years	clusively 45 years	
1	Great Britain	137,172,911	309,624,167	449,797,078		
2	United States.	142,703,291	19,049,487	161,752,878		
3	France	9,914,107	4,839,424	14,753,531		
4	Newfoundland.	508,614	2,540,245	3,048,859		
5	British West Indies.	7,313,427	36,850	7,350,277		
6	Germany.	6,599,740	487,474	7,087,214		
7	Holland.	3,694,409	345,944	4,040,353		
8	Belgium.	2,343,085	918,830	3,261,925		
9	Spain.	1,624,309	717,041	2,341,950		
10	Portugal.	175,841	1,362,261	1,538,101		
11	China.	448,644	960,525	1,409,169		
12	Norway.	65,531	579,541	645,072		
13	Spanish West Indies	103,505	2,010	105,515		
14	St. Pierre Miquelon.	40,646	568,516	609,162		
15	British Australia.	43,914	667,428	711,312		
16	British Africa.	575,320	313,500	888,820		
17	Brazil S. A.	70,069	241,855	311,924		
18	British East Indies	25,057	5,009	30,066		
19	Italy.	471,557	62,894	534,451		
20	Japan	575,214	535,232	1,110,446		
21	Turkey in Asia.	22,310	8,029	30,339		
22	Sicily.	30,568	72,184	102,752		
23	Denmark.	287,120	18,266	305,386		
24	Greece.	77,607	77,607	155,214		
25	Austria.	411,048	7,347	418,395		
26	Asia.	80,661	675,693	756,354		
27	Switzerland	92,172	92,172	184,344		
28	India British.	7,552	7,552	15,104		
29	Smyrna in Asia.	61,336	2,160	63,496		
30	Java	100,208	593,081	693,289		
31	Sweden.	1,174,155	1,174,155	2,348,310		
32	Buenos Ayres.	544,395	544,395	1,088,790		
33	Argentina Republic.	277,175	277,175	554,350		
34	Uruguay.	211,827	211,827	423,654		
35	Peru S. A.	24,867	68,056	92,923		
36	Gibraltar.	1,980	25,229	26,909		
37	Cuba.	18,130	18,130	36,260		
38	United States of Columbia.	15,015	237	15,252		
39	Pay Sandu.	104,250	2,769	107,019		
40	Algeria, Africa.	2,907	226	3,133		
41	Chili.	458,813	35,290	494,103		
42	Danish West Indies.	373,127	43,836	416,963		
43	Venezuela	23,628	3,692	27,320		
44	Porto Rico.	46,578	235	46,813		
45	Mexico.	22,132	22,132	44,264		
46	Malta Island.	322	322	644		
47	Rio Janeiro.	117	117	234		
48	Russia.	7,189	7,189	14,378		
49	Ceylon.	22,705	22,705	45,410		
50	Bohemia.	18,424	18,424	36,848		
51	Jamaica.	347,091,422	664,421,887	1,011,513,309		
52	East Africa Portuguese	347,091,422	664,421,887	1,011,513,309		
53	Arabia.	347,091,422	664,421,887	1,011,513,309		
54	Persia.	347,091,422	664,421,887	1,011,513,309		
55	Bulgaria.	347,091,422	664,421,887	1,011,513,309		
56	New Zealand.	347,091,422	664,421,887	1,011,513,309		
57	British Guiana.	347,091,422	664,421,887	1,011,513,309		

	IMPORTS	EXPORTS	GRAND TOTAL
Total of trade during 45 years. . . . .	\$ 317,330,465	\$ 347,091,422	\$ 664,421,887
Excess of totala exports over imports. . . . .		29,760,957	29,760,957

Compiled by J. A. Belleau of H. M. Customs,

# PORT OF QUEBEC

DESCRIPTION of the principal Merchandises exported from the Port of Quebec to the undermentioned Countries during the last 45 years, from 1874 to 1918 inclusive

1	Great Britain...	New Ships built and sold to, Timber, Pine red and white, Elm, Ash, Maple, Oak, &c., Deals pine and spruce, Planks and boards, &c., Horned cattle, Sheep, &c., Asbestos, Wood Pulp, Furs, Opium and Leather, Cheese and eggs, Meats canned, Grain, Wheat, Oats, &c.
2	United States...	Lumber, Planks and boards, Palings and Pickets, Shooks box, Sleepers and Railroad ties, Wood manufactured, Horned cattle, sheep, &c., Maple sugar, H. A. Balsam, Asbestos, Wood Pulp, Cotton raw, Fruit berries, &c.
3	France...	Timber, Square, Pine red and white, Oak, Elm, Birch, Ash, Staves, Deals pine and spruce, Planks and boards, Wood manufactured, &c., &c.
4	St. John Newfoundland.	New Ships built and sold to, Lumber, Planks and boards, staves, Pine and Spruce deals, masts and spars, &c., Flour, Biscuits, Pork, lard and butter, Leather, boots and shoes, &c., &c.
5	British West Indies.	New ships built and sold to, Timber, pine and spruce, Deals, Shooks box, Cotton raw, Leather and shoes, &c., &c.
6	Germany	New Ships built and sold to, Timber, red and white, &c., Bass-wood deals, Pine and spruce, Planks and boards, &c., Phosphates, &c., &c., Asbestos.
7	Holland	Timber, Square pine and white, &c., Hickory, Bass-wood, &c., Deals pine and spruce, Planks and boards, &c.,
8	Belgium	Timber, Square, Pine red and white, Maple, Elm, Masts and spars, Deal pine and spruce, Lath wood, Planks and boards, Bass-wood, &c., Lobster, &c., Salmon canned, Asbestos.
9	Spain.	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, &c., Masts and spars, Staves, Deals spruce, Planks, boards and joists, &c.
10	Portugal	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, Ash, &c., Bass-wood, Deal pine spruce, Planks and boards, Staves, Masts and spars, &c., Butter, &c.
11	China...	Cotton fabrics.
12	Norway	New ships built and sold to, Timber, Square, Oak, Elm, &c., &c.
13	Spanish West Indies...	Wood manufactured and agricultural products.
14	St. Pierre Miquelon.....	New ships built and sold to, Lumber, planks and boards, Masts and spars, &c., Flour, butter, Pork, lard, &c., Biscuits, Tobacco and Leathers, boots and shoes, &c.
15	British Australia.....	New ships built and sold to, Lumber and boards, Pine deals and spruce, Staves, Laths, Palings and pickets, Wood manufactured, Salmon and Lobster canned, &c.
16	British Africa	Lumber, Pine deals and spruce, Planks and boards, Laths, Palings, Staves, Wood manufactured, &c.
17	Brazil...	Lumber, Pine deals and spruce, Planks and boards, Laths, Joists, Palings, Scantlings, Shooks box and manufactured, Biscuits, &c.
18	British East India.....	New ships built and sold to.
19	Argentine Republic, S. A.	New ships built and sold to, Timber, planks and boards, Pine deals and spruce, Laths, Palings, Scantlings, Masts and spars, Shooks box, Wood manufactured, &c., Salmon and lobster canned, etc.
20	Uruguay, S. A....	Timber, Square, Pine, planks and boards, Laths, Palings and pickets, Joists, Masts and spars, Shooks box, wood manufactured, &c., Salmon and lobster canned, &c.
21	Peru, S. A.	Timber, Square, Oak, Pine and deal spruce, Planks and boards, Joists, Scantlings and Laths, Palings and pickets, Staves, Wood manufactured, &c.
22	Gibraltar.....	Timber, Square, Pine red and white, Oak, Elm, Masts and spars, Pine deals and spruce, Planks and boards, Staves, Wood manufactured, &c.
23	Labrador	Lumber, Pine deals and spruce, Planks and boards, Wood manufactured, Salt pork, Lard, &c., Butter, flour, biscuits, Leather, boots and shoes, Tobacco, &c.
24	United States of Columbia.	Lumber, Planks and boards, Wood manufactured.
25	Pay Sandu, S. A.	Lumber, Planks and boards, Laths, Palings and Pickets, Shooks box, &c.
26	Algeria.	Timber, Square, Oak, Elm, Ash, Pine deals and spruce.
27	Chili	Lumber, Pine deals and spruce, Planks and boards, &c.
28	Danish West Indies	Lumber, Pine deals and spruce, Wood manufactured, Biscuits.

# PORT OF QUEBEC

STATEMENT of the Quantity and Value of the Principal Merchandise Exported from this Port during the Year ending 31st December 1918, showing the countries to which Exported to also a Comparative Statement of the Previous Year 1917

Nos.	ARTICLES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Nos.	Total Exports 1917	Total Exports 1918
					\$	\$	\$		\$	\$
1	Animals.....	Nos.						1	67,050	
2	Bacon and ham .....	Lbs.	1,598,716	645,846	645,846			2		645,846
3	Cod Fish.....	Cwt.	7,000	30,250		30,250		3	96,030	30,250
4	Furs.....	\$		1,560		1,560		4	100	1,560
5	Flour of all kinds.....	Brls.	8,633	94,963			94,963	5	131,076	94,963
6	Grain of all kinds .....	Bush	1,124,824	2,501,305	2,501,305			6	207,789	2,501,305
7	Herrings.....	Cwt.	9,890	9,890			9,890	7		9,890
8	Lobster.....	Lbs.						8	37,732	
9	Meats, pork, lard and beef .....	Lbs.	1,657,284	340,183	340,183			9		340,183
10	Oil of all kinds.....	Galls.	38,559	5,012		5,012		10		5,012
11	Other articles.....	\$		9,947,164	9,947,164			11	7,815,916	9,947,164
12	Lumber pine deals.....	Sup. feet						12	75,879	
13	spruce .....	Sup. feet	1,085,210	38,983	38,983			13	164,347	38,983
14	all other.....	Sup. feet		331	331			14	16,037	331
15	planks and boards .....	Sup. feet						15	3,550	
16	Square Timber, birch .....	Cu. feet	21,817	1,701	1,701			16	10,277	1,701
17	elm.....	Cu. feet	83,867	148,583	148,583			17	204,759	148,583
18	pine white and waney.....	Cu. feet	159,968	146,655	146,655			18	122,001	146,655
19	spruce .....	Cu. feet	150,610	165,790	165,790			19		165,790
20	all other.....	Tons.	300	7,350	7,350			20		7,350
21	Wood pulp.....	Tons.	11,313	283,176		283,176		21	1,393,834	283,176
22	Pulp wood.....	Cords	37,499	272,884		272,884		22	250,146	272,884
23	Spool wood.....	Sup. feet	387,247	19,362	19,362			23		19,162
24	Manufactured wood of all kinds.....	\$						24	10,623	
25	Wooden steamers.....	Nos.	5	2,500,000	2,500,00			25		2,500,000
	Total .....			17,160,988	16,463,253	602,772	94,953		10,607,145	17,160,988

## PORT OF QUEBEC

RECAPITULATION of the total Exports for the year ending 31st December 1918, showing the Countries to which exported; with a comparative Statement of the previous year 1917.

Nos.	COUNTRIES	Value	Value	Decrease	Increase
		1917	1918	1918	1918
1	Great Britain.....	7,714,814	16,463,253	.....	8,748,439
2	United States.....	1,746,874	602,772	1,144,102	.....
3	France.....	469,344	94,963	374,381	.....
4	Newfoundland.....	4,358		4,358	
5	India.....	671,755		671,755	
	Total.....	10,607,145	17,160,988	2,194,596	8,748,439
	Total increase.....				6,553,843

## PORT OF QUEBEC

STATEMENT of the Quantity of the Principal Merchandises imported from the United States to this Port and exported to Great Britain by Steamers during the Summer 1918

ARTICLES	Unit of of Quantity	Quantity	Quantity
		1917	1918
Animals.....	Nos.	250	.....
Bacon.....	Lbs.		3,735,574
Condensed Milk.....	cjs and Bls	.....	157,258
Eggs.....	cjs	.....	19,577
Grain, Wheat and Oats.....	Bush.	.....	3,596,367
Honey.....	Lbs.	.....	137,500
Lobster.....	Lbs.	.....	43,600
Lard.....	Lbs.	.....	1,105,633
Meats caned.....	Lbs.	29,500	22,650,872
Pig iron.....	Tons.	.....	6,412
Pig lead.....	Tons.	.....	706
Steel, blooms and billets.....	Tons.	.....	9,778
Oil.....	Galls.	4,385	.....

Compiled by WM. G. WILSON, of H. M. CUSTOMS

# PORT OF QUEBEC.

Ships showing the opening of navigation at the Port of Quebec, in each year, from 1832 to 1918 inclusively; also the date of closing thereof during that period

RETURN of the Number and Tonnage of Seagoing Vessels entered Inwards and Outwards at this Port, from 1850 to 1918.

Years	Arrivals from Montreal Steamers		Arrivals from Sea	Sailed for Sea	INWARDS			OUTWARDS		
	Date	Date			Years	Vessels	Tonnage	Years	Vessels	Tonnage
1832	April 29	May 4	November 30	1850	1106	465804	464021			
1833	" 18	" 10	" 25	1851	1300	53327	530983			
1834	" 18	" 6	" 24	1852	1294	56283	560983			
1835	May 4	" 2	" 22	1853	1351	570238	568563			
1836	" 11	" 11	" 28	1854	1416	618608	618688			
1837	" 11	" 29	" 18	1855	1466	645002	645002			
1838	April 29	May 6	" 18	1856	1523	672444	672444			
1839	May 21	" 8	" 23	1857	1587	701653	701653			
1840	" 19	April 26	" 28	1858	1650	731181	731181			
1841	May 1	" 29	" 28	1859	1717	757142	757142			
1842	April 6	May 3	" 28	1860	1782	783140	783140			
1843	May 24	June 1	" 28	1861	1851	817193	817193			
1844	April 17	May 6	" 28	1862	1917	847193	847193			
1845	" 17	May 17	" 28	1863	1982	876747	876747			
1846	" 17	May 17	" 28	1864	2048	906747	906747			
1847	May 6	May 17	" 28	1865	2114	936747	936747			
1848	May 25	April 25	" 28	1866	2180	966747	966747			
1849	" 25	" 25	" 28	1867	2246	996747	996747			
1850	" 25	" 25	" 28	1868	2312	1026747	1026747			
1851	" 25	" 25	" 28	1869	2378	1056747	1056747			
1852	" 25	" 25	" 28	1870	2444	1086747	1086747			
1853	" 25	" 25	" 28	1871	2510	1116747	1116747			
1854	May 6	May 6	December 1	1872	2576	1146747	1146747			
1855	" 6	" 6	December 1	1873	2642	1176747	1176747			
1856	April 27	April 27	November 28	1874	2708	1206747	1206747			
1857	" 17	" 17	" 28	1875	2774	1236747	1236747			
1858	" 17	" 17	" 28	1876	2840	1266747	1266747			
1859	" 22	" 22	" 28	1877	2906	1296747	1296747			
1860	" 22	" 22	" 28	1878	2972	1326747	1326747			
1861	" 30	" 30	" 28	1879	3038	1356747	1356747			
1862	" 30	" 30	" 28	1880	3104	1386747	1386747			
1863	May 31	May 31	" 28	1881	3170	1416747	1416747			
1864	April 21	April 21	" 28	1882	3236	1446747	1446747			
1865	" 21	" 21	" 28	1883	3302	1476747	1476747			
1866	" 21	" 21	" 28	1884	3368	1506747	1506747			
1867	May 3	May 3	" 28	1885	3434	1536747	1536747			
1868	May 20	May 20	" 28	1886	3500	1566747	1566747			
1869	May 20	May 20	" 28	1887	3566	1596747	1596747			
1870	" 21	" 21	" 28	1888	3632	1626747	1626747			
1871	" 21	" 21	" 28	1889	3698	1656747	1656747			
1872	May 6	May 6	" 28	1890	3764	1686747	1686747			
1873	" 6	" 6	" 28	1891	3830	1716747	1716747			
1874	" 6	" 6	" 28	1892	3896	1746747	1746747			
1875	" 6	" 6	" 28	1893	3962	1776747	1776747			
1876	May 26	May 26	" 28	1894	4028	1806747	1806747			
1877	April 21	April 21	" 28	1895	4094	1836747	1836747			
1878	" 21	" 21	" 28	1896	4160	1866747	1866747			
1879	May 2	May 2	" 28	1897	4226	1896747	1896747			
1880	" 2	" 2	" 28	1898	4292	1926747	1926747			
1881	April 28	April 28	" 28	1899	4358	1956747	1956747			
1882	May 6	May 6	" 28	1900	4424	1986747	1986747			
1883	May 27	May 27	" 28	1901	4490	2016747	2016747			
1884	May 27	May 27	" 28	1902	4556	2046747	2046747			
1885	May 27	May 27	" 28	1903	4622	2076747	2076747			
1886	May 27	May 27	" 28	1904	4688	2106747	2106747			
1887	May 27	May 27	" 28	1905	4754	2136747	2136747			
1888	May 27	May 27	" 28	1906	4820	2166747	2166747			
1889	May 27	May 27	" 28	1907	4886	2196747	2196747			
1890	May 27	May 27	" 28	1908	4952	2226747	2226747			
1891	May 27	May 27	" 28	1909	5018	2256747	2256747			
1892	May 27	May 27	" 28	1910	5084	2286747	2286747			
1893	May 27	May 27	" 28	1911	5150	2316747	2316747			
1894	May 27	May 27	" 28	1912	5216	2346747	2346747			
1895	May 27	May 27	" 28	1913	5282	2376747	2376747			
1896	May 27	May 27	" 28	1914	5348	2406747	2406747			
1897	May 27	May 27	" 28	1915	5414	2436747	2436747			
1898	May 27	May 27	" 28	1916	5480	2466747	2466747			
1899	May 27	May 27	" 28	1917	5546	2496747	2496747			
1900	May 27	May 27	" 28	1918	5612	2526747	2526747			

\* Confederation.—All vessels trading to and from the Lower Provinces were up to this date included, but since that year.

\* The Canadian Pacific Royal Mail Steamers "Empress of Britain" and "Empress of Ireland" commenced running from Liverpool to this Port in 1900—the former arriving here on her first voyage on the 14th May, and the latter on the 7th July.

Note.—The British steamer "Dunelm" left, Net Registry, William Golding, Master—left Sunderland, England on the 11th November 1907, for Sydney, N.S.W., and cleared from this Port, on the 3rd December, arrived at Quebec, on 6th inst, proceeded to Montreal on the 11th and reached that Port on the 13th inst.

\* Confederation.—All vessels trading to and from the Lower Provinces were up to this date included, but not since that year.

\* The Canadian Pacific Royal Mail Steamers "Empress of Britain" and "Empress of Ireland" commenced running from Liverpool to this Port in 1900—the former arriving here on her first voyage on the 14th May, and the latter on the 7th July.

Note.—The British steamer "Dunelm" 1291 tons, Net Register—William Goldie, Master—left Sydney, N. S., and cleared from that Port on the 14th December, 1907, for Montreal, and was ordered to Montreal on the 14th and reached that Port on the 14th inst.

WM. G. WILSON, of H. M. CUSTOMS

Quebec, 31st December, 1918.

# DOMINION OF CANADA

## PORT OF QUÉBEC

COMPARATIVE STATEMENT of the Number and Tonnage of Sea going Steamers and Sailing Vessels with the Number of Men employed, entered Inwards and Outwards, for the years ending on the 31st December, 1917 and 1918 showing the Countries from whence they came and for which they cleared, whether with Cargo or in Ballast, also distinguishing the Countries to which they belonged :

Compiled by WM. G. WILSON, of H. M. CUSTOMS

RETURN OF VESSELS INWARDS FOR THE YEARS ENDING  
31st DECEMBER 1917 and 1918

RETURN OF VESSELS OUTWARDS FOR THE YEARS  
ENDING 31st DECEMBER 1917 and 1918

	1917.			1918.				1917.			1918.		
	Vessels	Tonn.	Men	Vessels	Tonn.	Men		Vessels	Tonn.	Men	Vessels	Tonn.	Men
<b>Total Vessels arrived.....</b>	137	50958	1360	76	35469	8632	<b>Total Vessels Cleared.....</b>	113	19590	7744	120	49500	19200
<b>do in cargo.....</b>	121	47587	1891	58	35897	674	<b>Vessels with Cargoes.....</b>	86	15407	1037	87	43500	17979
<b>do in ballast.....</b>	16	3369	469	18	7792	1888	<b>do</b>	27	3283	127	21	5000	1221
<b>Total.....</b>	137	50958	1360	76	35469	8632	<b>Total.....</b>	113	19590	4274	120	49500	19200
<b>Number of Steamers.....</b>	116	50856	1355	71	35440	8594	<b>Number of Steamers.....</b>	86	15407	4124	117	49750	19163
<b>do sailing Vessels.....</b>	21	1368	145	5	3249	36	<b>do sailing Vessels.....</b>	27	1883	180	3	350	38
<b>Total.....</b>	137	50958	1360	76	35469	8632	<b>Total.....</b>	113	19590	4274	120	49500	19200
<b>British Vessels.....</b>	133	50937	13513	75	35433	8645	<b>British Vessels.....</b>	92	17991	3917	87	46450	19115
<b>Foreign Vessels.....</b>	4	1724	87	1	74	7	<b>Foreign Vessels.....</b>	21	1594	357	33	31550	7185
<b>Total.....</b>	137	50958	1360	76	35469	8632	<b>Total.....</b>	113	19590	4274	120	49500	19200
<b>UNDER WHAT FLAG</b>							<b>UNDER WHAT FLAG</b>						
British.....	112	50937	13513	75	35433	8645	British.....	113	19590	4274	120	49500	19200
French.....	4	384	55	1	74	7	French.....	27	1883	180	3	350	38
United States.....							United States.....						
Norwegian.....							Norwegian.....						
German.....							German.....						
Russian.....							Russian.....						
Belgian.....							Belgian.....						
Holland.....							Holland.....						
Italian.....							Italian.....						
Danish.....							Danish.....						
Holstein.....							Holstein.....						
Portuguese.....							Portuguese.....						
Austrian.....							Austrian.....						
<b>Total.....</b>	137	50958	1360	76	35469	8632	<b>Total.....</b>	113	19590	4274	120	49500	19200
<b>WHENCE ARRIVED</b>							<b>WHENCE ARRIVED</b>						
United Kingdom.....	87	49835	12793	75	35444	8592	United Kingdom.....	49	15407	2954	87	45850	19165
Newfoundland.....	36	6118	645	1	285	40	Newfoundland.....	31	4619	540	1	1750	16
United States.....	9	799	83			40	United States.....	31	16923	705	19	31350	532
Porto Rico.....							Porto Rico.....						
French.....							French.....						
St. Pierre & Miquelon.....							St. Pierre & Miquelon.....						
Belgium.....							Belgium.....						
Holland.....							Holland.....						
Germany.....							Germany.....						
Norway.....							Norway.....						
Spain.....							Spain.....						
Portugal.....							Portugal.....						
Spanish West Indies.....							Spanish West Indies.....						
Argentine Republic.....							Argentine Republic.....						
Portuguese Poss. in Afr. a.....							Portuguese Poss. in Afr. a.....						
Turkey of Asia.....							Turkey of Asia.....						
French Guiana.....							French Guiana.....						
San Pedro de Macoris.....							San Pedro de Macoris.....						
British Colonies.....							British Colonies.....						
United States of China.....							United States of China.....						
Uruguay.....							Uruguay.....						
Sea Fisheries.....							Sea Fisheries.....						
Denmark.....							Denmark.....						
Algeria.....							Algeria.....						
Chile.....							Chile.....						
<b>Total.....</b>	137	50958	1360	76	35469	8632	<b>Total.....</b>	113	19590	4274	120	49500	19200

COMPARATIVE STATEMENT of Vessels entered Inwards and Outwards at the Port of Quebec, showing the number of Vessels, tonnage and Number of men employed, distinguishing the number of Vessels Entered and cleared at Outports, for the year 1918, 1914, 1915, 1916, 1917 and 1918.

### INWARDS

	1913.		1914.		1915.		1916.		1917.		1918.	
	Ves.	Tonn.	Ves.	Tonn.	Ves.	Tonn.	Ves.	Tonn.	Ves.	Tonn.	Ves.	Tonn.
Port of Quebec . . . . .	346	17749 61448	201	17950 6651	133	61358 7041	150	50836 15460	91	50466 7297	73	35449
Outports . . . . .	12	2740 380	10	2351 337	4	13049 16	10	1016 41				
Chicoutimi . . . . .	8	1564 185	10	17270 233	4	25757 10	15	2072 41				
St. Thomas . . . . .												
Pointe-au-Loup . . . . .												
St. Paul Bay . . . . .	18	125 110	10	2090 670	8	1227 184	30	248 572	20	884 84	1	250 38
Tring's Lake . . . . .												
Rivière du Loup . . . . .												
Matane . . . . .												
Le Bic . . . . .												
Brindley Bay . . . . .	15	1000 81	3	10469 770	20	8790 687	18	617 32	4305 545			
English Bay . . . . .												
St. H. Bay . . . . .	1	1002 20										
St. H. Bay . . . . .												
St. Marguerite Bay . . . . .												
Grand Total for Quebec . . . . .	490	25565 6530	205	14390 4661	103	69748 1450	216	62297 1784	117	50955 1900	76	35469 8632

### OUTWARDS

Port of Quebec.....	57	8777	2355	111	58749	2260	85	35335	448	10631	5780	64	18375	3609	117	49750	19163
Outports.....	17	2566	391	27	4685	632	30	4880	687	23	4087	103					
St. Catherine's Bay.....																	
St. Thomas Bay.....																	
St. Paul Bay.....	12	114	64	10	1690	91	13	1370	70	20	140	17	147	95	3	350	38
Tring's Lake.....																	
Rivière du Loup.....																	
Matane.....																	
Le Bic.....																	
Brindley Bay.....	2	678	80	15	800	27	600	160	15	517	613	60	454	511			
Rivière du Loup.....																	
St. H. Bay.....	1	1002	20														
St. Marguerite Bay.....																	
English Bay.....																	
St. John's Bay.....																	
St. John's Station.....	11	3007	117	1	1660	21		1853	18								
Grand Total for Quebec.....	274	9343	2746	138	65334	2892	115	36215	516	239	6197	174	19303	4176	120	49750	19200

# PORT OF QUEBEC

STATEMENT of the quantity and value of Merchandise imported into this port during the year ending 31st December 1918 showing the Countries whence imported. Also a comparative Statement of the previous year 1917

Nos	MERCHANDISES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Holland	Japan	China	Italy	Portugal	Norway	Australia	British Guiana	Cuba	Switzerland	India	Sweden	Ceylon	Newfoundland	Brazil	Java	Jamaica	Singapore Asia	Brit. W. Indies	Spain	Columbia, S. A	Nos	Total Imports 1917	Total Imports 1918	
1	Animals of all kinds.	No	1,838	\$ 40,156	\$ 33,000	\$ 7,156																							1	\$ 47,423	\$ 40,156	
2	Books and papers of all kinds			159,370	2,987	128,170	27,142				971				100														2	128,718	159,370	
3	Buttons, brushes and combs.	\$		23,526	2,379	21,269	178																						3	42,746	23,826	
4	Brass and copper manufactured or not	\$		211,016	43,439	165,105	2,412																						4	361,721	211,016	
5	Coal of all kinds.	Tons	644,282	2,080,719	7,387	2,073,332																							5	2,325,333	2,080,719	
6	Coffee, green or roasted.	Lbs	52,613	6,442																									6	6,005	6,442	
7	Carpets of all kinds.	Yds	1,931	4,178	3,021	1,157																							7	13,201	4,178	
8	Cotton fabrics and manufactured of all kinds.	\$		611,761	164,362	436,994	5,440		1,164									3,591	151			53	3,515		947			1,980	8	557,136	611,761	
9	Drugs, dyes, chemical, patent medicines.	\$		220,185	26,316	192,064	1,613																						9	124,988	220,185	
10	Earthenware of all kinds.	\$		159,087	65,776	92,574					737																192		10	194,701	159,087	
11	Fancy goods and toys.	\$		19,202	908	17,894	286																						11	8,640	19,202	
12	Fruits of all kinds.	\$		297,964	89	297,497																							12	299,865	297,964	
13	Furs, dressed, raw and manufactured.	\$		464,383	26,380	408,545	24,615							4,378												378			13	521,273	464,383	
14	Glass of all kinds.	\$		121,350	288	120,994	68																						14	118,511	121,350	
15	Gutta percha and india rubber manufactured of all kinds.	\$		100,240	5,211	103,615	117																						15	85,782	109,249	
16	Grain of all kinds.	Bush.	378,214	572,121		572,121																							16	84,058	572,121	
17	Hats, caps and bonnets of all kinds.	\$		53,115	27,077	24,742	136				1,160																		17	71,549	53,115	
18	Hops.	Lbs	67,185	14,252	697	13,555																							18	5,174	14,252	
19	Hides, raw, salted and dry.	\$		281,964	20,617	202,171												27,474	9,358						23,104			19	143,615	281,964		
20	Iron and steel of all kinds manufactured or not	\$		2,638,915	31,002	2,596,279	2,186																						20	1,271,371	2,638,915	
21	Pig iron.	Tons	1,210	55,520	35,520																								21	98,137	55,820	
22	Jewelry, plated ware nickel, gold or silver	\$		45,254	4,209	36,275	1,680																						22	58,582	45,254	
23	Leather of all kinds manufactured or not.	\$		610,039	1,851	608,188																							23	547,642	610,039	
24	Meats of all kinds.	Lbs	2,743,209	600,829		600,829																							24	529,474	600,829	
25	Tobacco, leaf unmanufactured.	Lbs	600,109	287,830		287,830																							25	167,746	287,830	
26	Lumber and timber.	\$		347,124		347,124																							26	323,700	347,124	
27	Molasses and syrups of all kinds.	Galls	1,214,490	643,462		39,543																							27	208,445	643,462	
28	Oil of all kinds.	Lbs	345,292	66,928		66,928																							28	323,700	347,124	
29	Seeds of all kinds.	Yds	25,223	17,677	9,488	8,189																							29	67,232	20,802	
30	Oil cloth of all kinds.	Tons	14,812	216,584	25,447	191,137																							30	26,189	17,677	
31	Salt of all kinds.	\$		170,229	38,859	101,063	\$ 224		19,675																				31	263,563	216,584	
32	Silk and ribbon of all kinds, manufactured or no	Lbs																											32	135,206	170,229	
33	Spices ground and unground	Galls																											33	1,245		
34	Spirits of all kinds.	Lbs	8,227	24,837	14,355		\$ 520	219							1,713														34	150,967	24,837	
35	Sugar of all kinds.	Tons	3,376,343	283,559		403									2,621														35	58,201	283,559	
36	Tea of all kinds.	Lbs	120,601	39,813	858	796			22,506	10,536											8,601			1,530	17,768	262,767			36	71,501	39,813	
37	Tin, plates, tin in blocks and bars.	Cwt	55,288	7,118		7,118																							37	32,348	7,118	
38	Wool fabrics and manufacture of all kinds.	Galls	101,701	7,036	90	5,510	278																						38	20,259	7,036	
39	Raw cotton	\$		221,654	99,526	120,895	1,233																						39	343,500	221,654	
40	Settlers effects.	Lbs	11,583,347	3,607,170		3,607,170																							40	4,466,167	3,607,170	
41	Other articles	\$		98,674	21,260	77,919																							41	290,979	98,674	
42		\$		1,424,036	256,921	1,065,969	25,539		4,454	187	831	882	193		11,010	531	3,182										10,452		42	2,351,137	1,424,036	
Total.				16,885,730	933,965	14,724,446	113,563		93,475	799,192	3,199	882	193		4,478	15,344	534	9,255	625	9,358	3,601	45,302	3,515	1,536	18,715	23,104	807,061	11,802	1,980	17,045	759,166	885,730

Compiled by J. A. BELLEAU, of H. M. Customs

## PORT OF QUEBEC

Comparative statement showing the total value of merchandise imported and the duty collected in each month during the Calendar year 1918 compared with the same month of the previous year 1917.

MONTHS	Exports	Exports	Imports	Imports	Duty Collected	
	1917	1918	1917	1918	1917	1918
	\$	\$	\$	\$	\$	\$
January.....			1,212,826	770,326	231,912.19	147,252.92
February.....			1,035,094	791,734	231,394.07	124,987.86
March.....			1,212,640	1,205,159	241,565.30	159,585.05
April.....		76	1,320,109	2,052,319	249,162.74	224,469.21
May.....	33,515	25,294	1,729,029	1,928,533	281,425.73	236,146.07
June.....	281,016	127,073	1,755,747	1,729,196	230,615.49	200,356.22
July.....	2,100,735	162,052	1,949,754	1,600,829	182,375.87	224,870.37
August.....	695,393	127,005	1,781,032	1,427,059	235,080.41	192,491.11
September.....	1,035,983	1,273,017	1,352,364	1,243,741	205,210.23	189,729.13
October.....	499,369	2,595,280	1,302,276	1,451,076	211,254.48	198,963.65
November.....	5,634,376	4,264,846	1,388,451	1,435,148	212,820.44	177,545.78
December.....	326,758	8,584,145	1,452,762	1,250,610	185,374.47	258,082.36
Total.....	10,607,145	17,160,988	17,045,759	16,885,730	2,698,191.42	2,334,499.67
Increase....	\$6,553,843		Decrease....	\$160,029	Decrease.	\$363,691.66

## PORT OF QUEBEC

RECAPITULATION of the total import for the year ending 31st December 1918 showing the Countries whence imported with a comparative Statement of the previous year 1917.

Nos	COUNTRIES	Value	Value	Decrease	Increase
		1917	1918	1917	1918
		\$	\$	\$	\$
1	Great Britain.....	1,834,356	933,965	900,391	
2	United States.....	14,392,570	14,723,436		330,866
3	British West Indies.....	338,684	867,064		
4	British East Indies.....	833			833
5	France.....	181,937	113,503	68,434	
6	Holland.....	44,700	249	11,451	
7	Belgium.....	2,927		2,927	
8	Spain.....	16,980	11,802	5,178	
9	Japan.....	40,766	47,799		7,043
10	Newfoundland.....	70,700	45,302	25,398	
11	Italy.....	11,048	3,199	7,849	
12	China.....	11,240	19,321		8,081
13	Portugal.....	6,578	882	5,696	
14	British Guiana.....	1,133	15,944		14,211
15	Norway.....	353	193	160	
16	Java.....		1,536		1,536
17	Cuba.....	1,529	534	995	
18	Singapore, Asia.....		23,104		23,104
19	Switzerland.....	12,131	9,225	2,906	
20	Sweden.....	1,589	9,358		7,769
21	Columbia, South America.....		1,980		1,980
22	Denmark.....	108		108	
23	British India.....		27,625		27,625
24	Ceylon.....	42,028	3,601	38,427	
25	Jamaica.....	21,380	18,715	2,665	
26	Australia.....	2,912	4,478		1,566
27	Brazil.....	6,036	3,515	2,521	
28	South Africa.....	3,231		3,231	
	Total.....	17,045,759	16,885,730	1,112,190	952,161







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# QUEBEC HARBOUR COMMISSIONERS' REPORT

*For the Year 1910*

Under The Quebec Harbour  
Commissioners' Act,  
1899



QUEBEC

1920





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# Quebec Harbour Commissioners' Report

*For the Year 1919*

Under The Quebec Harbour  
Commissioners' Act, 1899.

# OFFICERS OF THE QUEBEC HARBOUR COMMISSION.

## COMMISSIONERS:

HON. D. O. L'ESPERANCE, Chairman

A. S. GRAVEL

D. H. PENNINGTON

CHARLES SMITH, K.C., Secretary-Treasurer

ST. GEORGE BOSWELL, M. Inst., C.E.,  
Chief Engineer and General Supt.

W. V. TAYLOR, General Assistant Engineer

A. C. FELLOWS, Assistant Engineer

CAPT. P. L. LACHANCE, Harbour Master

CAPT. THOS. McGOUGH, Assistant Harbour Master

E. H. S. WOODSIDE, Accountant

W. A. MOUNTAIN, Cost Clerk and General Clerk

JOHN STAIN, Cashier and Chief Clerk  
LAURENT DARVEAU, Assistant Cashier

E. GERARD HAMEL, Assistant-Secretary

H. PETERSON, Elevator Superintendent

A. F. DION, Traffic Manager

F. R. HILL, General Foreman

G. H. BOURDON, Purchasing Agent

P. KERWIN, Chief Clerk, Construction and Maintenance  
Department

A. LETELLIER, Wharfinger

P. FLYNN, Ass't Wharfinger

QUEBEC HARBOUR COMMISSIONERS' REPORT  
FOR THE YEAR 1919

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Quebec, January 2nd, 1920.

To the Honourable C. C. Ballantyne,  
Minister of Marine and Fisheries,  
Ottawa.

Sir:—

The Quebec Harbour Commissioners have the honour to submit as follows, their annual report for the year ended 31st December, 1919.

The annexed report of the Chief Engineer, Mr. St. George Boswell, conveys information regarding the Harbour Works in general, and the various additions and repairs made to the Commissioners' property.

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Before entering into the details of operations for the past year, it is proper, we believe, to give here a brief summary of the different facilities afforded at Quebec, and more especially, as regards the different works and improvements executed in the Harbour during the past seven years, under the supervision of a former Commission and of the present one.

The elaborate construction programme which was decided upon by the Department of Marine, in 1913, has been carried out without interruption, and is now nearing completion.

With the delivery of the second fire-proof concrete Landing Shed (No. 28), and grain galleries, which are expected to be taken over from the contractor in the very near future, together with the different remaining works to be completed during the course of next season of navigation, the Harbour of Quebec will have attained a state of great efficiency and the Commissioners are pleased to state that it is now in a position to compete with any other Port on the Continent, with respect to facilities and modern appliances for the speedy handling of cargoes.

## HARBOUR FACILITIES

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These facilities and improvements, now available at Quebec, may be summarized as follows:

### STEAMSHIP BERTHS

- In Wet Dock**—6 berths of from 400 to 500 feet in length.
- In Tidal Harbour**—4 berths of from 400 to 500 feet in length.
- Breakwater**—4 berths of 500 feet in length, or 3 berths of 700 feet in length, or 2 berths of 1,100 feet in length.
- Pointe-à-Carcy Wharves**—5 berths, one ocean, one car-ferry, two coasting, and one bunkering.
- River St. Charles Basin**—7 berths of from 500 to 600 feet in length.

### DEPTH OF WATER AT LOW TIDE

- Wet Dock**—25' to 26 feet at low tide.
- Tidal Harbour**—24 to 30 feet at low tide.
- Breakwater**—Over 40 feet at low tide.
- Pointe-à-Carcy Wharves**—Opposite Shed 21: Ocean berth and car-ferry berth, over 40 feet at low tide.
- River St. Charles**—35 feet at low tide.

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## GRAIN ELEVATORS

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One Grain Elevator, with a capacity of 250,000 bushels.

One Fireproof Concrete Grain Elevator, with a capacity of 2,000,000 bushels, with Marine-Tower, Conveyors and Grain Galleries; loading capacity, 60,000 bushels per hour. It has also a Grain Dryer, a "Richardson Separator" and a Bagging Shed.



# **FACILITIES AND EQUIPMENT FOR HANDLING CARGOES, ETC.**

- 4 Locomotives for switching cars.
- Railway lines to all ships berths and sheds.
- One 50-ton Floating Crane.
- Cars and scows for removing ships' ballast.
- 5 Locomotive Cranes, with capacity up to 38 tons.
- City Water, Electric Light and Power Installations.

## **GRAIN CARGOES**

- Loading capacity: 60,000 bushels per hour.
- Unloading from vessels: 30,000 bushels per hour.
- Unloading from cars: 100 cars per day.
- Drying grain: 3,000 bushels per day.
- Cleaning grain: 4,000 bushels per day.

## **LANDING SHEDS**

No.	Location	Size	Area
13	Crosswall. . . .	163 x 38	6,194 Square Feet
14	Crosswall. . . .	200 x 38	7,600 " "
18	Breakwater. . .	744 x 37½	28,275 " "
19	Pte-à-Carcy . .	450¼ x 80¼	36,103 " "
20	"Montcalm" . .	800 x 111	79,600 " "
21	Pte-à-Carcy . .	383 x 80	26,000 " "
22	Louise Embkt. .	200 x 60	11,400 " "
25	Pier No. 1 . . .	557½ x 80	43,000 " "
26	Pier No. 1 . . .	737½ x 80	59,040 " "
27	Pier No. 1 . . .	955 x 80	77,280 " "
28	Bulkhead. . . .	776 x 75	58,200 " "
29	Bulkhead. . . .	1,000 x 102	102,000 " "
52	Store . . . . .	128½ x 60	7,710 " "
			542,550

Combined space of all sheds: 542,500 square feet of floor area.

## COAL CAPACITY AND BUNKERING

### (ANTHRACITE AND BITUMINOUS)

Coal Companies have 5 towers for discharging and loading coal.

Bunkering is now done from barges and coal cars brought alongside vessel.

New Modern Bunkering Plant in course of construction along Bulkhead Quay Front. (Depth of water: 35 feet at low tide).

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## RAILWAY FACILITIES

The Quebec Harbour Commissioners have 16 miles of tracks on Docks for handling of freight. Shunting on Docks is done by Harbour Commission.

With the completion of the Quebec Bridge, the Docks are now accessible to all Railways.

The Canadian Pacific Railway and the Canadian National Railways (Canadian Northern and National Transcontinental) have their Quebec Terminals right within Quebec Harbour.

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## GRAVING DOCKS

The Harbour of Quebec possesses two Graving Docks: One 600 feet long by 62 feet wide at entrance; one (new) 1,150 feet long by 120 feet wide at entrance, capable of taking the largest vessels afloat, with workshops in connection capable of executing all required repairs.

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The Port of Quebec is now one of Canada's greatest assets. Apart from being endowed with natural advantages which cannot be equalled anywhere on this Continent, its Harbour has been developed during late years

according to plans carefully studied and designed by experts in Port construction and engineering, and the most modern appliances have been added to its equipment.

Although the Harbour of Quebec is still susceptible of further large developments and of profitable additions of Docks and Piers, its present state of efficiency justifies its laying claim to a large share of Canadian shipping business, and more especially since the completion of a new Transcontinental road has shortened the distance between Winnipeg and Quebec by some 214 miles.

The tests which have been made, on different occasions, of its grain-handling equipment, have proved beyond all doubt that speedy service and accuracy in the intakes and deliveries of grain are to be obtained here, as at any other first-class Elevators.

The Commissioners beg respectfully to call your attention to the fact that the completion of a large portion of the Ocean Freighters built for the Canadian Government Merchant Marine, happily coincides with the completion of your Department's building programme outlined in 1913 in Quebec Harbour. Some of these new ships have been built and completed right within our Harbour, and therefore, the Commissioners beg respectfully to urge that the Port of Quebec be given a fair share of the immense traffic intended to be carried by these new steamers, and that several of these new ships be allotted to Quebec during the next season of navigation and in future years.

There are actually, wintering in the Louise Basins, four of these ships, viz: "Canadian Rancher", "Canadian Trapper", "Canadian Volunteer" and "Canadian Planter". The Commissioners beg to remind you that should these four ships take on cargo at Quebec at the opening of navigation, they would be able to proceed to sea at least fifteen days earlier than from any other Port on the St. Lawrence.

The Harbour of Quebec is the only one on the St. Lawrence River which can accommodate during more

than eight months, vessels of a large draught, and with the existing tendency of increasing the tonnage of ships now being built for passenger and freight traffic, the Commissioners cannot emphasize too much the fact that the Harbour of Quebec should be taken advantage of to its full capacity during the years to come.

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## TARIFFS

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The Quebec Harbour Commissioners' tariffs relating to wharfage, switching and Grain Elevators have been very carefully revised during the year 1919. These new tariffs, which can compare favorably with any existing tariffs at other Ports, have been put into effect on June first, 1919.

The Commissioners are confident that, should the Port of Quebec be given a fair share of Canadian traffic during next season of navigation, the revenue derived from their tariffs in force will be quite satisfactory and remunerating.

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## REVENUE AND TRAFFIC AT QUEBEC IN 1919

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A review of the annexed reports submitted by the heads of the different Departments of the Commission, indicates that the year 1919, which has immediately followed the termination of the World War, has not been as successful as might have been expected.

The revenue for 1919, as compared with that of 1918, is as follows:

Revenue for 1918 .....	\$437,496.31
Revenue for 1919 .....	389,502.62
	<hr/>
Showing a decrease of .....	\$ 47,993.69



Vessel Loading Cargo of Timber in Louise Basin, No. 19 Shed.



### MOVEMENT OF VESSELS

The movement of vessels, (inwards and outwards) for 1919, as compared with the year 1918, shows a decrease of 85 vessels, as follows:

	Inwards		Outwards
1918.....	424	1919.....	274
1919.....	331	1918.....	266
<hr/>		<hr/>	
Decrease in 1919..	93	Increase in 1919..	8

### TRAFFIC DEPARTMENT

	Cars
Cars handled in 1918.....	52,811
Cars handled in 1919.....	42,113
<hr/>	
Showing decrease in 1919.....	10,698

### GRAIN ELEVATOR

	Bushels
Grain received in 1918.....	5,631,228
Grain received in 1919 .....	4,192,823
<hr/>	
Showing decrease in 1919 of.....	1,438,405

	Bushels
Grain delivered in 1918 .....	5,351,190
Grain delivered in 1919 .....	4,100,403
<hr/>	
Showing decrease in 1919 of.....	1,250,787

The Commissioners wish to emphasize the fact that the possible turnover of their Elevator No. 2 could easily be made five or six times larger than during last season, if kept working during the whole year.



## HARBOUR POLICE FORCE

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The Quebec Harbour Police Force, created by a former Commission when the new construction programme was started in 1913, and which was maintained during the war for the protection of Docks and of war material and supplies consigned to the Imperial Government, has been abolished at the end of last year, as the construction work was nearing completion, and as the war had then come to an end. The Commissioners are effecting thereby an average yearly saving of \$14,000.00 to \$15,000.00.

The City Police is now patrolling the Docks as in pre-war times.

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## APPOINTMENT OF HARBOUR MASTER

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Capt. P. L. Lachance has been appointed as Harbour Master during the year, to replace the late Lieut. Jas. A. Murray, R.N., who lost his life in the Halifax Catastrophe, in December, 1917, while on active duty. Capt. Lachance, was, at the time of his appointment, Acting Superintendent of Pilotage, and Examiner of Masters and Mates.

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The Commissioners have advertised the Port of Quebec extensively, during the year, giving particulars of its many facilities and advantages in advertisements and articles published in Canada and abroad. They have also used their best endeavours to bring to this Port, the Traffic to which it is entitled, by putting themselves in communication with the different Commercial bodies and Shipping Corporations interested in the Export and Import of goods through Canadian Ports.

The Commissioners have reason to expect that their efforts will bear fruit as the Port of Quebec becomes more widely known by the shipping community.



## AMERICAN ASSOCIATION OF PORT AUTHORITIES

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The President of the Quebec Harbour Commission, accompanied by Mr. D. H. Pennington, Commissioner, and by the Secretary-Treasurer, attended the annual Convention of the American Association of Port Authorities held in Galveston, Texas, on November 17th, 18th and 19th, 1919, when several papers relating to Harbour improvements, etc., were read and discussed. At the conclusion of the Convention, the delegates visited the Harbour of Galveston, and that of New Orleans, on their return trip, and both inspections proved instructive and interesting.

A paper on "Winter Navigation on the St. Lawrence" was read by the President of the Quebec Harbour Commission, who had the honor of being re-elected one of the Directors of the Association.

The Association has chosen Chicago as its next meeting place, in September, 1920.

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To this report are annexed the various statements and reports conveying the information yearly forwarded to your Department in connection with the Harbour, and also a complete statement of the Commissioners' Accounts for the year 1919.

I have the honour to be,

Sir,

Your obedient servant,

D. O. L'ESPERANCE,  
President.

CHARLES SMITH,  
Secretary-Treasurer.

## CHIEF ENGINEER'S REPORT

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CHARLES SMITH, Esq.,

Secretary-Treasurer,  
Harbour Commission,  
Quebec.

Sir:—

I have the honour to submit the following, with reference to the various works of maintenance and improvement, carried out during the past season.

### PRINCESS LOUISE DOCKS

#### LANDING SHED NO. 28

The construction work on this Shed and subsidiary Grain Galleries has been completed, with the exception of some minor adjustments of conveyor machinery, etc.; so that the Shed and Galleries should be ready for use on the opening of navigation next Spring. Electric lights have been installed in this Shed, and the Gantry, Car loading and Railway lines to serve the Shed laid down.

The lease of a shipbuilding site at the Western End of the Louise Embankment, North of the carriage roadway, to The Quebec Shipbuilding & Repair Company, was terminated last Summer, and the plant and materials belonging to the Company removed, so that this area with the adjoining Dock Frontage, will be available for use next season.

#### DREDGING

The grading of the dredged Basin in the River St. Charles, to a depth of 35 feet below low water, has been continued, and in addition, the approach to the Basin has been widened and deepened to the required depth.

## PIER NO. 1

The damage caused to the Sheds, etc., on this Pier by the storm and flood tide last November, was repaired in time for the opening of navigation.

In July last the work raising the finished surfaces of this Pier and of the Landing Sheds, No. 25 and No. 27, was begun, and was continued until the close of the season; this work consisted essentially, in placing a concrete coping along both faces of this Pier, raising the surface of the Pier on an average  $2\frac{1}{2}$  feet, and laying down a concrete surface between the Landing Sheds and Dock Fronts, raising the Shed No. 27 about three feet and relaying the floor, raising the Railway Lines  $2\frac{1}{2}$  feet, and laying down a permanent paved roadway down the centre of the Pier.

The completion of this work, consisting of the raising of Shed No. 26 about three feet, and the raising and concreting of the surface of the Pier between this Shed and the Dock Front cannot be affected until the Spring, as the work can only be carried on during the closed season for navigation.

To prepare the surface of the bulkhead wall of Pier No. 1 to receive the grain loader tracks, it was necessary to raise the level of this frontage by three feet; this has been done by adding the required height to the concrete quay wall, and surfacing the area between the Quay Front and Shed No. 28.

Permanent brick paved roadways and approaches have been laid down, between the main Embankment Roadway and the Landing Sheds, Nos. 28 and 29, a brick paved roadway is also now under construction at the Western End of the Embankment, this roadway is to replace the present planked road, and will afford a more satisfactory exit from the Docks by way of Ramsay Street, than does the present roadway.

A brick building has been erected at the Eastern End of the main carriage roadway, in the vicinity of the

Landing Sheds, No. 18 and No. 26; this building is to serve as a Waiting-Room, for passengers intending to embark by tender on Ocean Passenger Vessels, not berthing at the Breakwater.

Railway lines have been laid down to the new Landing Shed, No. 28, and connected up with the main lines.

A new 8-inch water main has been laid down at the Western End of the Embankment, to supply the second six-inch main which is to be installed for providing a water service to Sheds No. 28 and No. 29.

The steam turbine plant in the Elevator Power House, has been overhauled and put into first-class condition, and the tubes in the Dryer House taken out and renewed where defective.

#### SUNDRY WORK

The Long Wharf at Indian Cove, which was very considerably damaged by the storm and high tide of last November, has been rebuilt and repaired with the exception of a length of about 500 feet, which still has to be built up for some 7 feet in height.

The roof covering of the Machine Shop has been renewed and the building painted, the roof of Shed No. 20 has been repaired, and the roofs of Sheds No. 13 and 18 painted, and all other minor repairs and renewals, required to maintain the Commissioners proprieties in good condition, effected.

The Cross-Wall Draw-bridge was operated for the first time, the past season, on April 7th and for the last time on December 10th.

The water was retained in the Wet Dock for the first time, for the season, on April 22nd, and for the last time on December 2nd.

I have the honour to be,

Sir,

Your obedient servant,

ST. GEORGE BOSWELL,

Chf. Eng. and Gen'l. Supt.

HARBOUR MASTER'S REPORT

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Quebec, December 31st, 1919.

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Harbour Commission,  
Quebec.

Dear Sir:—

I have the honour to submit the following report for the year 1919.

For the first time in the history of the Port of Quebec, navigation, last winter, was hardly ever closed. The last vessel, in 1918, sailed on the 30th of December; and on the 21st of January, the SS. "Canadian Voyageur" left for Halifax with the C.G.S. "Montcalm" as escort; notwithstanding very severe and cold weather, both safely reached their destination.

On the 4th of March, C.G.S. "Lady Grey" made a trip to Grosse-Isle; and on the 15th, left for Three Rivers.

March 28th, SS. "St. Laurent" arrived from Orleans Island.

April 4th, C.G.S. "Druid" left to place buoys in position down the river.

April 5th SS. "Le Quesnoy" left for Sydney, N.S.

April 8th, Schr. "Ste. Marie" arrived from Coudres Island, and SS. "Amherst" and "A. Tremblay" left for the Gulf, and C.G.S. "Bellechasse" for Three Rivers.

The first arrivals from sea were cargo steamers for cargoes of grain, and were as follows: "Queen Elizabeth" on the 19th of April and "Wearbridge" on the 20th.

The SS. "Metagama" on May 2nd, and SS. "Empress of Britain" on May 4th, were the first Atlantic Mail and Passenger Steamers.

SS. "Canobie", first steamer from the Lakes, arrived on the 30th of April.

May 23rd, German Submarine No. 97, manned by an American crew, arrived in port, bound for the Great Lakes.

June 21st, H. C. Floating Crane lifted engine sunk at Pointe-à-Carcy last winter.

June 17th, French Cruiser "Somme" paid a visit to this port, and sailed on the 19th.

August 20th, H.M.S. "Renown", "Dauntless" and "Dragon" arrived in port with His Royal Highness the Prince of Wales. The docks were decorated for the occasion.

October 5th, SS. "Empress of France" (ex-Alsatian) made her first trip to this port since the war.

October 25th, SS. "Lake Farriston" is the first vessel to load oil as fuel from this port.

November 5th, Exceptional high tide caused by strong N.E. wind; water rose above the old level of breakwater.

November 24th, last mail and passenger steamer SS. "Scotian" arrives inward.

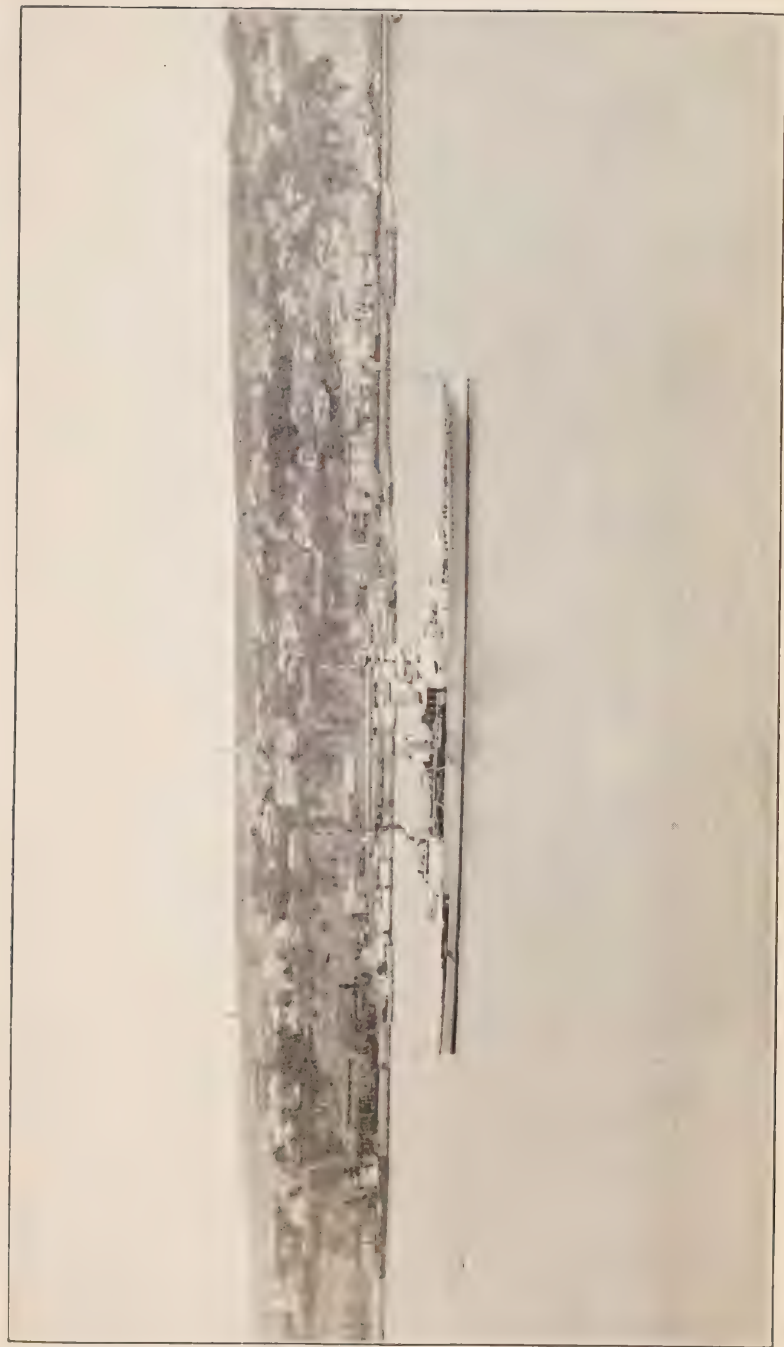
November 28th, first sign of ice, and on December 3rd, ice appeared everywhere on the river.

December 2nd, began placing vessels into winter quarters in the Inner Louise Basin, and tidal gates remained opened for the winter.

December 8th, last vessel from the Great Lakes, SS. "Lake Fairlie," arrives in port.

December 13th, last vessel from Montreal, SS. "Canadian Planter", and on December 14th, last vessel from Three Rivers, SS. "Canadian Rancher", arrived in port, thus closing navigation above Quebec. Six ocean-going steamers still in port, loading or fitting out for sea.





H.M.S. Battle-Cruiser "Renown" (32,000 tons), in Quebec Harbour, August, 1919.





December 16th, SS. "Canadian Spinner" and "Canadian Recruit" leave for sea.

December 29th, C.G.S. "Lady Grey" leaves for Tadousac.

December 31st, C.G.S. "Lady Grey" returns from Tadousac.

Shipbuilding has been very active throughout the season:—Five steam "Trawlers" for the Naval Service and eleven steam wooden vessels, for the French Government, were built by the Davie Shipbuilding and Repairing Co., Ltd., and one steamer, also for the French Government, by the National Shipbuilding Co. of Levis. In the fall several newly built ships came to this port from the various western shipyards to be completed and leave for sea; fourteen of those, built of wood, could not be made ready before the ice set in and are wintering here as well as eight U. S. Eagle boats and one U. S. Navy tug, besides our usual fleet of local vessels.

The weather, during the month of December, has been unusually cold, ice in the river forming much earlier and becoming very thick and closely packed very early in the month.

The ice in the outer Louise Basin is still being broken up ever day, as some vessels are not yet ready to take their winter quarters.

I have the honour to be, Sir,

Your obedient servant,

P. L. LACHANCE,  
Harbour Master.

## RECORD OF ARRIVALS AT THE PORT OF QUEBEC, 1919

Months	COASTING VESSELS				OCEAN-GOING VESSELS				Total Gross Tonnage Per Month
	From Seawards		From Montreal and Lakes		INWARDS		OUTWARDS		
	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	Gross Tonnage	No. of Vessels	
January . . . . .	.....	.....	.....	.....	.....	.....	2,498	1	2,498
April. . . . .	12,034	11	3,597	3	29,226	6	9,160	2	54,017
May . . . . .	7,453	14	19,176	17	129,726	14	25,244	8	181,599
June . . . . .	12,587	22	24,438	21	145,797	18	52,050	16	234,872
July . . . . .	13,510	26	37,838	33	159,677	20	68,963	22	279,988
August . . . . .	12,848	18	29,773	27	177,850	24	88,057	27	308,528
September . . . . .	8,952	13	20,357	26	172,880	24	90,354	27	292,543
October . . . . .	12,872	18	18,764	24	194,679	19	92,386	25	318,701
November . . . . .	8,011	15	30,760	28	132,783	18	57,070	33	228,624
December . . . . .	690	4	2,035	7	9,626	4	60,369	20	172,720
	88,957	141	186,738	186	1,152,244	147	546,151	181	1,974,990

Quebec, December 31st, 1919.

# PORT OF QUEBEC—RECORD OF SHIPPING ARRIVALS, 1919

	Number of Vessels	Gross Tonnage
Coasting vessels from seaward .....	141	88,957
Coasting vessels from Montreal and Great Lakes.....	186	186,738
Ocean Steamships—Inwards .....	147	1,152,244
Ocean Steamships—Outwards—(1) .....	181	546,151
	<hr/>	<hr/>
	655	1,974,090

(1)—Including sea-going vessels built on the Great Lakes.

## WHARFINGER'S REPORT

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Quebec, January 2, 1920.

CHARLES SMITH, Esq.,  
Secretary-Treasurer,  
Quebec Harbour Commission,  
Quebec.

Sir:—

I have the honour to submit the following with reference to the traffic on the St. Charles Docks and Wharves, showing the number of vessels, their registered tonnage, amount and description of cargo landed and shipped from the Docks during season 1919.

Inwards	331 Vessels.....		822,983 Tons Register
	6,836 Tons	General Cargo.	
	8,842 "	Salt.	
	197 "	Earthenware.	
	358 "	Malt.	
	148 "	Meat.	
	126 "	Oleo Oil.	
	142 "	Lard.	
	29 "	Canned Goods.	
	35 "	Hay.	
	14 "	Stone.	
	3,393 "	Flour.	
	506 "	Whiting.	
	2,853 "	Molasses.	
	1,051 "	Scoria Blocks.	
	50 "	Fire Clay.	
	151 "	Onions.	
	55 "	Steel.	
	14 "	Cattle.	
	99,513 "	Bituminous Coal.	
	51,079 "	Anthracite Coal.	

Outwards	274	Vessels.....	506,879	Tons Register.
	2,169	Tons General Cargo.		
	540	" Condensed Milk.		
	1,169	" Bacon.		
	2,670	" Meat.		
	1,552	" Canned Goods.		
	1,081	" Salmon.		
	3,175	" Flour.		
	48	" Eggs.		
	26	" Chocolate.		
	224	" Steel Billets.		
	106	" Shooks.		
	2	Motor Launches.		
	1,557	Tons Pulp.		
	3,754	Cords Pulpwood.		
	61,852,743	Feet B. M. Lumber.		
	15,253,189	" " Timber.		
	3,965,753	" " Spoolwood.		

#### LOWER PORT STEAMERS

111	Vessels...	18,231	Tons Register.
Landed.....	4,401	Tons General Cargo.	
Shipped.....	3,568	Tons General Cargo.	

The Dominion Coal Company have 8,000 tons of Coal stored on the space rented to them.

The Nova Scotia Steel & Coal Company have 10,000 tons of coal stored on the space rented to them.

There are wintering on Louise Docks: Lumber, Timber, Coal, etc.

There are stored in the different Freight Sheds, Spoolwood, Salt, Ferro Silicon, etc.

The Docks are occupied during the winter months by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.

I have the honour to be,

Sir,

Your obedient servant,

A. LETELLIER,

Wharfinger.

## TRAFFIC MANAGER'S REPORT

Quebec, 31st. December, 1919.

ST. GEORGE BOSWELL, Esq.,  
Chief Engr. & General Supt.,  
Harbour Commission,  
Quebec, Que.

Sir:—

I beg to submit for the information of the Commissioners a report of the operation of the Traffic Department during the year 1919.

Loaded cars received .....	14,722	
Loaded cars forwarded.....	10,298	
	————	25,020
Empty cars received .....	6,451	
Empty cars forwarded .....	10,632	
	————	17,093
Total number of cars handled.....	————	42,113

### CARS HANDLED BY "CAR FERRY."

#### Account Grand Trunk Railway System.

Loaded cars received .....	3,904	
Loaded cars forwarded .....	2,699	
Empty cars received .....	671	
Empty cars forwarded .....	1,262	
	————	8,536

#### Account Quebec Central Railway.

Loaded cars received .....	723	
Loaded cars forwarded .....	873	
Empty cars received .....	6	
Empty cars forwarded .....	217	
	————	1,819
Total number of cars handled by "Car Ferry" .....	————	10,355

Number of cars interchanged via Harbour Tracks and Car Ferry (Loaded) .....	3,134
Loaded Passenger Mail and Baggage Cars handled.	3,152
Number of cars loaded with coal on docks.....	1,468

Your obedient servant,

A. F. DION,  
Traffic Manager.

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REPORT OF THE SUPERINTENDENT OF THE  
QUEBEC HARBOUR COMMISSIONERS'  
ELEVATOR No. 2.

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Quebec, January 1st, 1920.

ST. GEORGE BOSWELL, Esq.,  
Chief Engineer and Gen'l Supt.,  
Harbour Commission,  
Quebec.

Sir:—

For your information, I beg to submit the following  
Report of the Harbour Commissioners' Elevator No. 2, for  
the season of 1919.

The total amount of grain being as follows:—

**GRAIN RECEIVED**

In store at end of season 1918.....	341,244 Bus.
Wheat .....	3,943,393 Bus.
Other grain .....	249,430 "
	<hr/> 4,192,823 Bus.
	<hr/> 4,534,067 "

**GRAIN DELIVERED**

By Conveyor System	.....3,170,032	Bus.
Cars	..... 553,061	"
Bags	..... 377,310	"
	<hr/>	4,100,403 Bus.
In store January 1st, 1920.....	433,664	"

From the above amount 226,362 bushels were recleaned.

Respectfully submitted,

H. PETERSON,  
Superintendent.



**EXPENDITURE ON CAPITAL ACCOUNT ON  
APPROVED ESTIMATES OUT OF THE VOTE  
OF PARLIAMENT UNDER THE QUEBEC  
HARBOUR ADVANCES ACT, 1913-1917.**

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Dredging St. Charles River .....	\$ 61,672.95
Grain Galleries B—Work Done Dept.....	11,894.82
“ “ A—Work Contract .....	38,826.88
“ “ A—Work Dept. ....	49.82
New Storage Annex Dept.....	7,581.35
New Bagging Sheds .....	3,695.87
Tracks on Bulkhead Wall .....	12,966.62
Paved Roadways to Sheds 28 and 29.....	15,126.04
Install Lights in Shed 29 and Dock Front.....	233.84
Paved Roadways on Pier No. 1.....	20,995.09
Raising Quay Front of Pier No. 1.....	19,288.42
Raising Tracks on Pier No. 1.....	5,256.33
Reconstruction of Shed No. 26.....	7,317.73
Raising Shed No. 27 .....	12,465.27
Electric Light Shed No. 28.....	1,415.69
Pipe Lines to Shed No. 28 and Dock Front....	12.33
Paved Roadway West End Embankment.....	8,102.60
Permanent Fireproof Landing Shed No. 28	
Contract .....	28,619.13
Permanent Fireproof Landing Shed No. 29	
Departmental .....	12,525.21
Permanent Fireproof Landing Shed No. 28	
Departmental .....	2,094.84

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Total Expenditure, 1919.....\$270,140.83

Quebec Harbour Commissioners Office,  
Accounting Department.  
January 3rd, 1920.

ERNEST H. S. WOODSIDE,	CHARLES SMITH,
Chief Accountant.	Secretary-Treasurer.

**QUEBEC HARBOUR COMMISSIONERS**  
**COMPARATIVE STATEMENT FOR THE REVENUE FOR THE YEARS 1918 AND 1919.**

	1918	1919	Difference	1919
Elevators .....	\$111,355.60	\$100,877.19	\$ 10,478.50	Decrease
Sheds .....	12,024.16	14,745.98	2,721.82	Increase
Freight Hoists .....	16,724.00	10,315.33	6,408.67	Decrease
Harbour Railways .....	65,164.23	61,403.66	3,760.57	Decrease
Floating Crane .....	5,532.32	10,916.23	5,383.91	Increase
Wharfages .....	68,086.20	48,965.47	19,120.73	Decrease
Rentals .....	99,211.89	91,095.68	8,116.21	Decrease
Sundry Receipts .....	54,719.90	48,486.57	6,233.33	Decrease
Interest .....	4,678.01	2,696.60	1,981.41	Decrease
<b>TOTALS.....</b>	<b>\$437,496.31</b>	<b>\$389,502.62</b>	<b>\$ 47,993.69</b>	<b>Decrease</b>

Accounting Department,  
Quebec Harbour Commissioners' Office.  
January 3rd, 1920.

ERNEST H. S. WOODSIDE,  
Chief Accountant.

CHARLES SMITH,  
Secretary-Treasurer.

# QUEBEC HARBOUR COMMISSIONERS

REVENUE ACCOUNT FOR THE YEAR ENDING DECEMBER 31ST, 1919.

27

OPERATING RECEIPTS		OPERATING EXPENDITURES	
Elevators .....	\$100,877.10	Elevators .....	\$ 76,120.18
Sheds .....	14,745.98	Sheds .....	62,373.03
Freight Hoists .....	10,315.33	Freight Hoists .....	10,377.90
Harbour Railways .....	61,403.66	Harbour Railways .....	97,936.25
Floating Crane .....	10,916.23	Floating Crane .....	8,838.39
Wharfages .....	48,965.47	Wharves .....	44,861.13
Rentals .....	91,095.68	Sundry Expenditures .....	17,707.85
Sundry Receipts .....	48,486.57	Interest on Debentures .....	46,000.00
Interest .....	2,696.60	Administration .....	74,458.45
Deficit in year's operation.....	\$389,502.62		
	49,170.55		
<b>TOTALS.....</b>	<b>\$438,673.17</b>		<b>\$438,673.17</b>

Accounting Department,  
Quebec Harbour Commissioners' Office.  
January 3rd, 1920.

ERNEST H. S. WOODSIDE,  
Chief Accountant.

CHARLES SMITH,  
Secretary-Treasurer.

## QUEBEC HARBOUR COMMISSIONERS

### GENERAL EXPENDITURE ON CAPITAL ACCOUNT.

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Reconstruction of Wharf at Indian Cove.....	\$ 15,033.20
Waiting Room .....	4,323.33
Water Main .....	1,694.93
Freight Gangways .....	2,508.19
Passenger Gangways .....	1,052.16
Fenders .....	2,602.42
Outside Lavatories .....	930.90
Gridiron .....	1,533.80
<hr/>	
TOTAL.....	\$ 29,678.93

Accounting Department,  
Quebec Harbour Commissioners' Office.

January 3rd, 1920.

ERNEST H. S. WOODSIDE,  
Chief Accountant.

CHARLES SMITH,  
Secretary-Treasurer.

# QUEBEC HARBOUR COMMISSIONERS

STATEMENT OF ASSETS AND LIABILITIES AT 31st DECEMBER, 1919.

29

Assets		LIABILITIES.	
St. Charles Docks and Wharves ..\$5,459,866.12		Quebec Harbour Debentures, \$ 3,612,802.42	
Indian Cove Property. . . . 121,818.29		Receiver General . . . . 43,380.00	
Silvery Quarry. . . 1,063.70		Dominion Government Securing Dock Walls . . . . 541,393.26	
	\$5,582,748.11		\$ 4,197,575.63
<b>New Construction.</b>		Quebec Harbour Bonds 62-63	
Harbour Dredging 1,184,918.84		Victoria, Chapter 34 . . . \$ 350,000.00	
Wharves, Piers and Basins. . . 1,787,097.18		Interest Accrued to 1st January, 1920 . . . . . 3,000.00	
Shops and Buildings . . . . . 206,826.46		Quebec Harbour Bonds 6-7	
Railways . . . . . 167,682.44		Edward 7, Chapter 36 . . 800,000.00	
Permanent Landing Sheds . . . 477,502.65			1,153,000.00
Grain Galleries . . 635,083.63		Quebec Harbour Debentures, Series "A" . . . . . \$ 5,500,000.00	
Grain Elevators. . 1,244,034.99		Quebec Harbour Debentures, Series "B" . . . . . 1,034,000.00	
Miscellaneous			6,534,000.00
Construction 85,467.39		Lampson's Cove Capital Suspense Account. 453,167.86	
	5,788,613.58	Beach and Deep Water Lots "See Contra". 17,261.21	
		Accounts Payable . . . . . 4,682.25	
Beach and Deep Water Lots "See Contra" ..\$11,371,361.69		Reserve for difference between cost and the amount realized on Capital Investments . . . . . 95,705.67	
Beach Lots, River St. Charles . . . . . 561.54			
Plant-Equipment and Tools . . . . . 919,917.29			
Materials on Hand . . . . . 40,213.40			
Office Furniture . . . . . 10,308.39			

## STATEMENT OF ASSETS AND LIABILITIES AT 31st DECEMBER, 1919—(Continued)

		Surplus.
Unsettled Claims Against the Dominion Government.		
Dept. of Public Works. . . . .	\$ 355,209.04	
Dept. of The Interior. . . . .	351,437.32	
Dept. of Marine and Fisheries. . . . .	314.25	
Dept. of Naval Service. . . . .	1,475.00	
Dept. of Militia and Defence. . . . .	38.75	
Intercolonial Ry. Commissioners of the National Transcontinental Railway. . . . .	2,637.00	
	2,253.96	
Accounts Receivable. . . . .	\$ 713,365.32	
	34,009.71	
Bills Receivable. . . . .	747,375.03	
Cash on hand and in Banks. . . . .	1,284.50	
Suspense Accounts. . . . .	57,736.79	
Accrued Rentals. . . . .	7,670.97	
Unearned Insurance. . . . .	4,621.65	
Employees Victory Loan Fund. . . . .	3,260.81	
	3,481.48	
	\$13,185,054.75	
		669,600.11
		60,061.97
		Revaluation Account. . . . . \$ 162,528.12
		Profit and Loss Account. . . . . 507,071.99
		Union Bank of Canada. . . . .
		\$13,185,054.75

NOTE. -The arrears of Interest on the Old Debentures of the Dominion Government have not been accrued or in any way incorporated in the above statement.

Interest on the "Quebec Harbour Debentures" Series "A" & "B" amounting to \$800,204.01 for four years to July 1st, 1919, has not been paid nor provided for in the above statement.

Quebec Harbour Commissioners' Office,  
January 3rd, 1920.

CHARLES SMITH,  
Secretary-Treasurer.

#### AUDITORS' CERTIFICATE

We have the honour to report that we have examined the above statement of assets and liabilities of the Quebec Harbour Commissioners to the 31st December, 1919, and we hereby certify that, subject to the above note relating to Interest on Debentures, it exhibits the true position of the Commission at that date, as shown on the books and information supplied to us.

Quebec, January 30th, 1920.

LARUE & TRUDEL,  
Auditors, C.A., L.L.A.



## MEMORANDUM

Showing the Opening and Closing of Navigation in the Port of Quebec  
from 1830 to 1919.

Year	First Arrival of Schooner from Below	First Steamer from Montreal	First Arrival from Sea	Last Sailing for Sea
1830	.....	April 17	April 17	December 4
1831	.....	April 21	April 16	November 30
1832	.....	April 29	May 4	November 30
1833	.....	April 18	May 10	November 25
1834	.....	April 18	May 6	November 24
1835	.....	May 4	May 2	November 25
1836	.....	May 11	May 11	November 26
1837	.....	May 1	April 29	November 18
1838	.....	April 28	May 3	November 20
1839	.....	April 21	May 8	November 23
1840	.....	April 19	April 25	November 29
1841	.....	May 1	April 29	November 28
1842	.....	April 21	May 3	November 28
1843	.....	May 5	April 18	November 28
1844	.....	April 24	May 3	November 23
1845	.....	April 25	May 1	November 26
1846	.....	April 17	April 24	November 27
1847	.....	May 8	May 8	November 26
1848	.....	April 6	May 1	November 21
1849	.....	April 25	April 28	November 25
1850	.....	April 25	April 28	November 28
1851	.....	April 22	April 20	November 29
1852	.....	April 30	April 15	December 4
1853	.....	April 23	April 24	November 26
1854	.....	May 5	April 29	November 29
1855	.....	May 6	May 6	November 22
1856	.....	April 27	April 20	November 23
1857	.....	April 17	April 28	November 24
1858	.....	April 18	April 29	November 25
1859	.....	April 22	April 29	November 28
1860	.....	April 26	April 28	November 26
1861	.....	April 26	April 22	November 26
1862	.....	April 20	April 16	November 29
1863	.....	May 3	May 4	November 27
1864	.....	April 25	April 27	November 30
1865	.....	April 21	April 29	November 28
1866	.....	April 26	April 28	December 1
1867	.....	May 3	April 17	November 29
1868	.....	April 28	April 23	November 28
1869	.....	April 30	April 27	November 27
1870	.....	April 25	April 16	December 2
1871	.....	April 18	April 22	November 27
1872	.....	May 6	April 30	November 26
1873	.....	May 2	April 28	November 22
1874	.....	May 10	April 28	November 25
1875	.....	May 9	April 29	November 23





Four Canadian Government Merchant Marine, Ltd., Steamers: SS, "Canadian Planter", "Canadian Trapper",  
"Canadian Rancher" and "Canadian Volunteer"  
in Louise Basin, March, 1920.



## MEMORANDUM

Showing the Opening and Closing of Navigation in the Port of Quebec  
from 1830 to 1919.

Year	First Arrival of Schooner from Below	First Steamer from Montreal	First Arrival from Sea	Last Sailing for Sea
1876	.....	May 9	May 6	November 26
1877	.....	April 26	April 25	November 25
1878	.....	April 21	April 20	November 24
1879	.....	May 2	April 29	November 28
1880	April 30	April 30	April 30	November 27
1881	April 1	April 26	April 26	November 28
1882	April 22	April 28	April 22	December 2
1883	April 23	May 5	April 23	December 1
1884	April 20	April 29	May 1	December 8
1885	April 19	May 7	May 5	November 21
1886	April 24	April 27	April 29	
1887	April 14	May 3	April 29	November 28
1888	April 8	May 4	April 29	November 30
1889	April 1	April 22	April 26	November 27
1890	April 3	April 29	April 29	November 25
1891	March 29	April 27	April 27	November 30
1892	April 27	April 24	April 28	November 24
1893	April 1	May 6	April 20	November 24
1894	March 21	April 23	April 26	December 5
1895	April 4	April 28	April 26	November 28
1896	April 22	May 1	April 24	November 26
1897	April 7	April 25	April 29	November 27
1898	April 12	April 19	April 25	November 28
1899	April 5	May 3	April 22	November 30
1900	March 28	April 27	April 23	December 5
1901	April 2	April 27	April 20	November 27
1902	March 21	April 15	April 13	December 4
1903	March 20	April 19	April 18	December 6
1904	March 31	May 3	April 24	December 8
1905	March 25	April 26	May 2	November 24
1906	April 4	April 24	April 23	December 2
1907	April 4	May 2	April 26	November 25
1908	April 8	May 1	April 21	December 1
1909	April 4	April 25	April 21	December 3
1910	March 28	April 15	April 9	December 1
1911	April 9	April 30	April 27	December 8
1912	April 9	April 28	May 1	December 12
1913	April 4	April 23	April 26	December 13
1914	April 3	May 1	April 28	December 4
1915	April 4	April 15	April 30	December 16
1916	April 8	April 23	April 30	December 21
1917	April 2	April 27	April 30	December 21
1918	April 4	April 30	May 7	January 11
1919	March 28	April 30	April 19	December 16

## NOTES

1883

An ice bridge formed before the City on February 2nd, and broke up on April 23rd.

1884

An ice bridge formed before the City during the night of the 15th and 16th January, and stood until the 16th of the same month until 2 o'clock p.m.

Another ice bridge formed on January 20th and stood until April 19th.

In that year two considerable floods have occurred, the first on March 28th and the second on November 5th. In both cases the level of the St. Lawrence reached an average of between six and seven feet above the highest ordinary tides.

1885

Extraordinary low tides prevailed from February 15th to April 4th. In the Louise Basin, during that period, the average has given four feet lower than the usual low tides.

1886

On January 9th, an extraordinary high tide prevailed the water having risen two feet higher than the ordinary flood tides.

1887

The SS. **Geetlands**, loaded with coal, from Sydney, Cape Breton, which had not been able to reach Quebec in the Fall of 1886, on account of the ice, and which wintered at Les Eboulements, Charlevoix County, arrived in Port the 2nd of April, at 1.30 p.m.

## 1889

An open boat, belonging to a Mr. Dufort, of Crane Island, arrived in Port, with passengers, on the 16th of March, at 6.30 p.m.

## 1892

An ice bridge formed before the City on 4th March, and broke up on 19th April.

## 1897

The SS. **Polino** went up to Montreal on April 21st.

## 1898

An ice bridge formed before the City on 22nd January and broke up on 10th April.

## 1905

SS. **Polino** left for Newfoundland on April 12th.

## 1910

Passenger Ferry **Mahone** arrived from River du Loup on the 25th of March.

SS. **General Wolfe** left for the Lower St. Lawrence with passengers and cargo on the 24th of March, and returned on the 30th of same month.

SS. **General Wolfe** arrived from the Lower St. Lawrence on the 5th December, and SS. **Aranmore** and **Canada**, arrived on the 6th.

C. G. S. **Montmagny** left for Halifax on the 9th of December.

## 1911

SS. **Aranmore** left for the Lower St. Lawrence on the 9th of April, and returned on the 19th of the same month.

SS. **Savoy** left for Anticosti on the 15th of April and returned on the 22nd of the same month.

Steam Barge **Carleton** entered the Wet Dock, grain laden, on the 4th of December.

SS. **Bray Head** left for sea on December 8th.

Steam Barge **Carleton** left for Anticosti on the 13th of December, and returned on the 22nd of same month.

## 1912

SS. **Aranmore** and SS. **Natashquan**, left the Harbour for the Lower St. Lawrence on the 29th March, returning on the 6th April.

## 1913

SS. **Natashquan** left the Harbour for the Lower St. Lawrence on April 1st, returning on the 10th. The last vessel for sea was the C. G. S. **Montmagny**, which left for the lower St. Lawrence and Halifax on the 13th of December.

## 1914

SS. **Savoy** left the Harbour for Anticosti on April 2nd. The last ocean liner SS. **Bengore Head** left the Harbour for sea on December 4th.

## 1915

The SS. **Savoy** left for Anticosti on April 4th.

The first ocean arrival was the SS. **Thespis** on April 30th.

The SS. **Port Colbourne** was the last vessel to leave for the United Kingdom on December 7th.

## 1916

The SS. **Laurentian** left for the North Shore on April 15th.

The SS. **Cascapedia** left for Montreal on April 15th.

The Ice-Breaker **J. D. Hazen** purchased by the Russian Government left for Port Archangel, Russia, on December 21st.

## 1917

Schooner **Montmorency** arrived from Tadousac on April 2nd.

The C. G. S. **Druid** left for Lower St. Lawrence on April 4th.

The SS. **Percesien** left for Gulf Ports on April 15th.

The SS. **Sicoa** left for Halifax on December 21st.

## 1918

The SS. "**Favorite**" left for Boston on the 11th of January.

The C. G. S. "**Druid**" left for the Lower St. Lawrence, on the 6th of April.

The Steam Barge "**Castalia**" left for sea on the 30th of December.

## 1919

SS. "**Canadian Voyageur**" left the Harbour on January 21st, for Halifax, with the C. G. S. "**Montcalm**", both safely reaching their destination.

The first arrivals from sea were the cargo steamers "**Queen Elizabeth**" on the 19th April, and the "**Wearbridge**" on April 20th.

CHARLES SMITH,  
Secretary-Treasurer.

## DEPARTMENT OF PUBLIC WORKS, CANADA

## DOCKMASTER'S OFFICE

Levis, 4th February, 1920.

Tide Register for 1919 from a gauge at the Lorne Dry Dock, the zero of which is level with the Dock Sill or 7.7 feet below low-water Spring tide.

- January —Highest tide 27.6 ft. on 3rd, at....7.00 P.M.  
 Lowest tide 5.6 ft on 12th, at.....9.00 A.M.  
 West wind during 17 days.  
 East wind during 10 days.  
 North wind during 3 days.  
 South wind during 1 day.
- February —Highest tide 27.0 ft. on 14th, at...7.00 P.M.  
 Lowest tide 8.6 ft. on 3rd, at.....3.18 P.M.  
 West wind during 22 days.  
 East wind during 4 days.  
 South wind during 2 days.
- March —Highest tide 26.7 ft. on 5th, at.....8.15 A.M.  
 Lowest tide 7.8 ft. on 11th, at.....9.00 A.M.  
 West wind during 22 days.  
 East wind during 4 days.  
 North wind during 2 days.  
 South wind during 3 days.
- April —Highest tide 28.0 ft. on 30th, at...5.45 A.M.  
 Lowest tide 10.0 ft. on 20th, at....4.45 P.M.  
 West wind during 11 days.  
 East wind during 12 days.  
 North wind during 4 days.  
 South wind during 3 days.



- May —Highest tide 28.0 ft. on 31st, at....7.00 A.M.  
 Lowest tide 9.7 ft. on 13th, at....1.10 P.M.  
 West wind during 4 days.  
 East wind during 18 days.  
 North wind during 5 days.  
 South wind during 4 days.
- June —Highest tide 27.0 ft. on 29th, at....7.00 A.M.  
 Lowest tide 8.8 ft. on 30th, at.....3.00 A.M.  
 West wind during 11 days.  
 East wind during 9 days.  
 North wind during 7 days.  
 South wind during 3 days.
- July —Highest tide 26.6 ft. on 29th, at...7.35 A.M.  
 Lowest tide 8.9 ft. on 31st, at.....4.30 P.M.  
 West wind during 20 days.  
 East wind during 6 days.  
 North wind during 2 days.  
 South wind during 3 days.
- August —Highest tide 25.6 ft. on 25th, at....6.00 A.M.  
 Lowest tide 8.6 ft. on 29th, at.....4.00 P.M.  
 West wind during 20 days.  
 East wind during 6 days.  
 North wind during 2 days.  
 South wind during 3 days.
- September—Highest tide 26.6 ft. on 13th, at...7.48 P.M.  
 Lowest tide 8.6 ft. on 28th, at....4.00 A.M.  
 West wind during 12 days.  
 East wind during 6 days.  
 North wind during 5 days.  
 South wind during 7 days.
- October —Highest tide 27.1 ft. on 11th, at....7.35 P.M.  
 Lowest tide 8.8 ft. on 23rd, at.....1.30 P.M.  
 West wind during 18 days.  
 East wind during 11 days.  
 North wind during 1 day.  
 South wind during 1 day.

November — Highest tide 28.1 ft. on 5th, at . . . . 4.15 P.M.  
Lowest tide 8.2 ft. on 21st, at . . . . 1.30 A.M.  
West wind during 13 days.  
East wind during 11 days.  
North wind during 2 days.  
South wind during 4 days.

December — Highest tide 28.5 ft. on 7th, at . . . . 6.10 P.M.  
Lowest tide 5.5 ft. on 11th, at . . . . 4.30 P.M.  
West wind during 22 days.  
East wind during 4 days.  
South wind during 5 days.

ALF. SAMSON,  
Supt. of Levis Dry Docks.

4th February, 1920.  
Lorne Dry Dock.



Bird's-eye view of Quebec Harbour showing Commissioners' Grain Elevators, 2,250,000 Bushels Capacity with Galleries, and also Louise Docks and Breakwater.—July, 1920.



# 46 YEARS OF TRADE

STATEMENT of the total value of Imports and Exports of Merchandise in to and from this Port, during forty-six years from 1st January 1874 to 31st December 1919  
 in the Countries whence Imported and to which Exported

No.	COUNTRIES	Imports from		Exports, to		Total Imports and ex- ports for the last 46 years
		1874 to 1919 inclusively 46 years	1874 to 1919 inclusively 46 years	1874 to 1919 inclusively 46 years	1874 to 1919 inclusively 46 years	
1	Great Britain	139,239,321	330,085,795	469,325,116		
2	United States	157,720,249	19,683,787	177,404,036		
3	France	10,206,896	5,533,868	15,740,764		
4	Newfoundland	547,708	2,620,104	3,167,812		
5	British West Indies	7,884,131	36,850	7,920,981		
6	Germany	6,599,840	487,474	7,087,314		
7	Holland	3,777,301	353,799	4,131,100		
8	Belgium	2,353,923	918,830	3,272,753		
9	Spain	1,667,962	717,641	2,385,603		
10	Portugal	181,763	1,362,261	1,544,024		
11	China	478,490	960,525	1,439,015		
12	Norway	65,531	579,541	645,072		
13	Spanish West Indies	103,305	2,010	105,315		
14	St Pierre, Miquelon	40,646	568,516	609,162		
15	Australia	56,283	668,275	724,558		
16	British Africa	575,320	313,500	888,820		
17	Brazil, S. A.	106,470	265,049	371,519		
18	British East Indies	25,957	5,000	30,957		
19	Italy	474,389	62,894	537,283		
20	Japan	613,828		613,828		
21	Turkey in Asia	535,232		535,232		
22	Sicily	22,310	8,024	30,334		
23	Denmark	30,568		30,568		
24	Greece	80,170	445,826	525,996		
25	Austria	287,120	18,266	305,386		
26	Asia	117,291		117,291		
27	Switzerland	419,894	7,347	427,241		
28	India Britania	80,661	675,693	756,354		
29	Smyrna in Asia	92,172		92,172		
30	Italy	20,416		20,416		
31	Sweden	65,615	2,160	67,775		
32	Buenos Ayres	100,208	721,581	821,789		
33	Argentine Republic	55	1,174,100	1,174,155		
34	Uruguay		544,395	549,989		
35	Peru, S. A.	5,594	277,175	282,769		
36	Gibraltar		211,827	211,827		
37	Cuba	24,867	62,197	87,064		
38	United States of Columbia	1,980	68,056	70,036		
39	Pay Sandu		25,229	25,229		
40	Venezuela		18,130	18,130		
41	Chili		13,211	13,211		
42	Danish West Indies		237	237		
43	Venezuela	16,034		16,034		
44	Porto Rico	104,250	2,769	107,019		
45	Mexico	2,907	226	3,133		
46	Malta Island		35,290	35,290		
47	Bio Janeiro		43,836	43,836		
48	Batavia	458,813	3,632	462,445		
49	Canton	402,502	255	402,757		
50	Aden	23,628		23,628		
51	East Africa	47,671	3,29,840	3,77,511		
52	Amoy		22,132	22,132		
53	Amoy	322		322		
54	Amoy	117		117		
55	Amoy	7,189		7,189		
56	New Zealand		22,705	22,705		
57	East Africa	21,705		21,705		

335,687,904 369,959,902 705,647,806

Total remaining 46 years ..... \$ 335,687,904 \$ 369,959,902 \$ 705,647,806  
 Excess of total exports over imports ..... \$ 34,271,998

# PORT OF QUEBEC

DESCRIPTION of the principal Merchandises exported from the Port of Quebec to the undermentioned Countries, during the last 46 years, from 1874 to 1919 inclusive

1	Great Britain	New Ships built and sold to, Timber, Pine and white, Elm, Ash, Maple, Oak, &c., Deals pine and spruce, Planks and boards, &c., Horned cattle, Sheep, &c., Asbestos, Wood Pulp, Furs, Opium and Leather, Cheese and eggs, Meats canned, Grain, Wheat, Oats, &c.
2	United States	Lumber, Planks and boards, Palings and Pickets, Shooks box, Shoppers and Railroad ties, Wood manufactured, Horned cattle, sheep, &c., Maple Sugar, Hair, Balsam, Asbestos, Wood Pulp, Cotton raw, Fruit berries, &c.
3	France	Timber, Square, Pine red and white, Oak, Elm, Birch, Ash, Staves, Deals pine and spruce, Planks and boards, Wood manufactured, &c., &c.
4	St. John Newfoundland	New Ships built and sold to, Lumber, Planks and boards, staves, Pine and Spruce deals, masts and spars, &c., Flour, Biscuits, Pork, lard and butter, Leather, boots and shoes &c., &c.
5	British West Indies	New ships built and sold to, Timber, pine and spruce, Deals Shooks box, Grain, hay, Leather and shoes, &c., &c.
6	Germany	New Ship built and sold to, Timber red and white, &c., Bas-wood deals, Pine and spruce, Planks and boards, &c., Phosphates, &c., &c., Asbestos.
7	Holland	Timber, Square pine and white, &c., Hickory, Bass-wood, &c., Deals pine and spruce, Planks and boards, &c.,
8	Belgium	Timber, Square, Pine red and white, Maple, Elm, Masts and spars, Deal pine and spruce, Lath wood, Planks and boards, Bass-wood, &c., Lobster, &c., Salmon canned, Asbestos.
9	Spain	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, &c., Masts and spars, Staves, Deals spruce, Planks boards and joists, &c.
10	Portugal	Timber, Square, Pine red and white, Oak, Maple, Elm, Birch, Ash, &c., Bass-wood, Deal pine spruce, Planks and boards, Staves, Masts and spars, &c., Butter, &c.
11	China	Cotton fabrics
12	Norway	New ships built and sold to, Timber, Square, Oak, Elm, &c., &c.
13	Spanish West Indies	Wood manufactured and agricultural products
14	St. Pierre Miquelon	New ships built and sold to, Lumber, planks and boards, Masts and spars, &c., Flour, butter, Pork, lard, &c., Biscuits, Tobacco and Leathers, boots and shoes, &c.
15	British Australia	New ships built and sold to, Lumber and boards, Pine deals and spruce, Staves, Laths, Palings and pickets, Wood manufactured, Salmon and Lobster canned, &c.
16	British Africa	Lumber, Pine deals and spruce, Planks and boards, Laths, Palings, Staves, Wood manufactured, &c.
17	Brazil	Lumber, Pine deals and spruce, Planks and boards, Laths, Joists, Palings, Scantlings, Shooks box and manufactured, Biscuits, &c.
18	British East India	New ships built and sold to
19	Argentine Republic, S. A.	New ships built and sold to, Timber, planks and boards, Pine deals and spruce, Laths, Palings, Scantlings, Masts and spars, Shooks box, Wood manufactured, &c., Salmon and lobster canned, etc.
20	Uruguay, S. A.	Timber, Square, Pine, planks and boards, Laths, Palings and pickets, Joists, Masts and spars, Shooks box, wood manufactured, &c., Salmon and lobster canned, &c.
21	Peru S. A.	Timber, Square, Oak, Pine and deal spruce, Planks and boards, Joists, Scantlings and Laths, Palings and pickets, Staves, Wood manufactured, &c.
22	Colombia	Timber, Square, Pine red and white, Oak, Elm, Masts and spars, Pine deals and spruce, Planks and boards, Asas, Wood manufactured, &c.
23	Labrador	Lumber, Pine deals and spruce, Planks and boards, Wood manufactured, Salt pork, lard, &c., Butter, flour, biscuits, Leather, boots and shoes, Tobacco, &c.
24	United States of Columbia	Lumber, Planks and boards, Wood manufactured
25	Pay Sunda, S. A.	Lumber, Planks and boards, Laths, Palings and Pickets, Shooks box, &c.
26	Algeria	Timber, Square, Oak, Elm, Ash, Pine deals and spruce
27	Chili	Lumber, Pine deals and spruce, Planks and boards, &c.
28	Danish West Indies	Lumber, Pine deals and spruce, Wood manufactured, Biscuits.

# PORT OF QUEBEC

STATEMENT of the Quantity and Value of the Principal Merchandise Exported from this Port during the Year ending 31st December 1919, showing the countries to which Exported to also a Comparative Statement of the Previous Year 1918

Nos	ARTICLES	Unit of Quantity	Total Quantity	Total Value	Great Britain	United States	France	Holland	Newfoundland	Jamaica	Buenos Aires	Cuba	Australia	Greece	Brazil	Nos	Total Exports 1918	Total Exports 1919
			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		\$	\$
1	Bacon and ham.....	Lbs	4,020,885	1,332,953	1,332,953											1	645,840	1,332,953
2	Cod, fish.....	Cwt	24,432	145,493		44,175			78,014							2	70,740	145,493
3	Cheese.....	Lbs	4,052	1,000	1,000											3		1,000
4	Eggs.....	Lbs	10,500	21,700	21,700											4		21,700
5	Flour of all kinds.....	Brls	49,195	525,085	502,527					15,718	6,840					5	91,965	525,085
6	Furs.....	\$		31,117	14,500	16,617										6		31,117
7	Grain of all kinds.....	Bush	2,514,599	5,102,638	4,423,912					292,900				385,826		7	2,601,201	4,423,912
8	Herring.....	Cwt	18,600	9,300		9,300										8	9,840	9,300
9	Leather.....	\$		83,370	83,370											9		83,370
10	Meats, pork, lard and beef.....	Lbs	3,243,658	609,185	609,185											10	60,831	609,185
11	Silver Bullion.....	\$		436,344	436,344											11		436,344
12	Salmon, fresh and preserved.....	Lbs	3,051,513	388,027	388,027											12		388,027
13	Ships.....	No.	10	4,015,408	3,895,408		60,000							60,000		13		3,895,408
14	Other Merchandise.....	\$		639,676	429,200	10,906	5,351	7,855	1,725	21,222	100,313	62,197	847			14	1,042,176	429,200
15	Lumber pine deals and planks.....	Ft B M	353,782	22,814	15,041						7,773					15		22,814
16	" Spruce.....	"	64,694,633	2,597,756	2,584,182						13,574					16	58,984	2,597,756
17	" all other.....	"	881,521	42,282	42,282											17		42,282
18	Timber Ash.....	"	21,900	1,533	1,533											18		1,533
19	" birch.....	"	434,754	34,218	34,218											19	1,201	34,218
20	" elm.....	"	526,594	36,402	36,402											20	138,386	36,402
21	" oak.....	"	3,225,751	170,645	170,645											21		170,645
22	" pine.....	"	12,502,004	1,112,421	1,112,421											22	116,655	1,112,421
23	" spruce.....	"	16,992	776	776											23	165,791	776
24	" all other.....	"	37,068	1,845	1,845											24	7,350	1,845
25	Pulp, wood.....	cords	35,240	291,069	291,069											25	272,884	291,069
26	Spool wood.....	\$		234,271	234,271											26	19,162	234,271
27	Wood pulp.....	cwt	4,120,652	4,972,852	3,790,457	553,302	629,093									27	283,376	4,972,852
28	Wood manufactured of all kinds.....	\$		8,300	8,300											28	2,500,000	8,300
Total.....				22,868,180	20,461,628	634,300	694,444	7,855,79	859	329,840	128,500	62,197	847	445,826	23,184		17,160,988	22,868,180

## PORT OF QUEBEC

RECAPITULATION of the total Exports for the year ending 31st December 1919, showing the Countries to which exported ; with a comparative Statement of the previous year 1918.

Nos	COUNTRIES	Value	Value	Decrease	Increase
		1918	1919	1919	1919
1	Great Britain.....	16,463,253	20,461,028		3,998,375
2	United States.....	602,772	634,300		31,528
3	France.....	94,963	694,444		599,481
4	Holland.....		7,855		7,855
5	Newfoundland.....		79,859		79,859
6	Jamaica.....		329,840		329,840
7	Buenos Aires.....		128,500		128,500
8	Cuba.....		62,197		62,197
9	Australia.....		847		847
10	Greece.....		445,826		445,826
11	Brazil.....		23,184		23,184
Total		17,160,988	22,868,480		5,707,492
Total increase.....					\$ 5,707,492

## PORT OF QUEBEC

STATEMENT of the Quantity and value of the Principal Merchandises imported from the United States in transitee to this Port and exported to Great Britain by Steamers during the Summer 1919

ARTICLES	Unit of	Quantity	Value
	Quantity	1919	1919
Bacon and ham.....	Lbs	1,318,453	431,094
Eggs.....	Doz.	39,000	21,900
Fruits, canned.....	Lbs	26,000	5,000
Grain wheat.....	Bush.....	686,333	1,372,666
Lard.....	Lbs	675,450	174,740
Leather.....	s		29,651
Meats of all kinds.....	Lbs	2,294,091	586,717
Milk condensed.....	Lbs	657,845	72,400
Salmon.....	Lbs	773,918	177,668
Steel Billets.....	Lbs	501,600	7,525
Other merchandises.....	\$		72,873
Total			\$ 2,952,234



# PORT OF QUEBEC

Statement of the quantity and value of Merchandise imported into this port during the year ending 31st December 1919, showing the Countries whence imported Also a comparative Statement of the previous year 1918

No.	MERCHANDISES	Unit of quantity	Total Quantity	Total Value	Great Britain	United States	France	Belgium	Holland	Japan	China	Italy	Portugal	South America	Australia	British Guiana	Sumatra	Switzerland	Venezuela	Sweden	Ceylon	Newfoundland	Greece	Java	Jamaica	Singapore	British West Indies	Spain	Nos	Total Imports	1918	Per cent 1919
1	Animals of all kinds.	No.	1,255	44,383	27,000	17,388																						1	\$ 10,156	41.38		
2	Books and papers of all kinds	\$		102,363	10,085	103,098	37,758	10,828				515						79										2	151,350	162.4		
3	Buttons, burshes and combs	\$		38,368	1,160	30,335	6,733																					3	23,829	8.48		
4	Brass an copper manufactured or not.	\$		168,521	5,798	156,749	37,751																					4	211,010	108.51		
5	Cash of all kinds	Tons	344,690	1,134,364		1,134,364																						5	2,080,719	57.54		
6	Coffee green or roasted.	Lbs																										6	6,442			
7	Carpets of all kinds.	Yds	2,501	6,305	6,130	175																						7	4,178	6,305		
8	Cotton fabries and manufactured of all kinds.	\$		636,528	197,638	432,853	4,506			263	167	1,101																8	611,761	636,528		
9	Drugs, dyes, chemical, patent medicines.	\$		68,333	24,184	37,144	6,733																					9	220,185	63.55		
10	Earthenware of all kinds.	\$		109,067	88,981	75,525	1,256			305								272										10	159,087	99.07		
11	Fancy goods and toys	\$		39,994	938	39,045	11																					11	19,302	29.04		
12	Fruits of all kinds.	\$		507,114	1,218	885,863																						12	27,964	27.14		
13	Furs, dressed, raw and manufactured.	\$		807,587	31,758	702,950	52,448								12,369							8,062	7,980			273	1,774	13	61,383	807.78		
14	Glass of all kinds	\$		127,138	2,823	121,806	1,931		578																			14	121,550	127.18		
15	Gutta percha and india rubber manufactured of all kinds	\$		191,444	8,367	182,778	299																					15	109,249	191.44		
16	Grain of all kinds	Bush	182,735	279,171		279,171																						16	57,141	79.17		
17	Hats, caps and bonnets of all kinds.	\$		45,591	17,082	28,677						132																17	53,115	45.89		
18	Hops.	Lbs	86,259	54,506		54,506																						18	11,259	13.03		
19	Hides, raw, salted and dry	\$		581,984	120,789	384,872																						19	281,961	281.96		
20	Iron and steel of all kins manufactured or not.	\$		4,763,794	411,140	4,343,201	668			3,870	594										4,379	630					20	1,688,913	1,763.91			
21	Pig iron.	Tons	265	11,387	4,784	6,603																						21	55,850	11.87		
22	Jewellery, plated ware, nickel, gold or silver.	\$		73,373	4,561	63,693	4,711					332																22	4,111	19.75		
23	Leather of all kind manufactured or not.	\$		872,700	9,658	863,042																						23	1,009	872.70		
24	Meats of all kinds.	Lbs	1,436,074	328,735		328,735																						24	60,826	28.14		
25	Tobacco, leaf unmanufactured.	Lbs	772,381	470,142		470,142																						25	85,878	10.11		
26	Lumber and timber.	\$		435,362		435,362																						26	61,262	14.62		
27	Molasses and syrup of all kinds.	Galls	198,577	528,641		13,037													1,019								514,585	27	613,162	528.64		
28	Oil of all kinds.	Galls	143,204	70,735		68,037	855															1,783					60	6,922	70.73			
29	Seeds of all kinds.	Lbs	138,562	26,671		22,039	4,632																					29	20,892	26.67		
30	Oil cloth of all kinds.	Yds	24,924	20,175	5,289	14,886																						30	17,457	20.75		
31	Salt of all kinds.	Tons	15,854	229,329	198,917	30,606																						31	9,784	22.92		
32	Silk and ribbons of all kinds manufactured or not.	\$		190,229	27,399	112,083	19,928				28,934								1,685								32	71,226	196.62			
33	Spices ground and unground.	Lbs	16,153	3,830	927	2,903																						33	1,424,036	1,424.03		
34	Spirits of all kinds.	Galls	65,706	324,953	128,529	4,547	98,916	81,982				278				3,281									1,093		6,327	34	21,871	32.11		
35	Sugar of all kinds.	Lbs																										35	39,868	11.26		
36	Tea of all kinds.	Lbs	266,297	64,262	9,342	3,155					4,000	8,828										20,375			9,206			36	7,118			
37	Tin, plates, tin blocks and bars.	cwt																										37	7,036	161.80		
38	Wines of all kinds.	Galls	65,746	100,386	1,159	51,262	23,335						456	3,413														38	221,654	27.98		
39	Wool fabrics and manufactured of all kinds	\$		379,982	187,726	170,172	1,827				20,257																	39	3,607,170	1,869.62		
40	Raw cotton	Lbs	6,714,230	1,860,652		1,860,652																						40	98,674	1,869.62		
41	Settlers effects	\$		626,731	510,608	116,079																	28,569	3,358				41	14,731			
42	Other articles.	\$		1,649,220	22,420	1,649,185	20,128		332	1,242		18	2,509					6,734									42	1,424,036	1,424.03			
Total				18,357,439	2,066,410	15,016,958	292,780	10,528,892	78,614	29,816	2,832	1,922,36	10,12	3,9	281	150	8,816	1,069	1,299,29	37,890	7,458	14,36					20,761	43	16,887,730	157.439		

## PORT OF QUEBEC

Comparative statement showing the total value of merchandise imported and the duty collected in each month during the Calendar year 1919 compared with the same month of the previous year 1918.

MONTHS	Exports		Imports		Duty Collected	
	1918	1919	1918	1919	1918	1919
January	\$	\$	\$	\$	\$	\$
February			770,226	1,018,118	147,252.92	196,807.79
March			791,734	2,820,511	124,987.86	164,445.42
April		76	1,205,159	1,059,833	159,585.05	182,841.62
May		25,294	2,052,319	1,155,680	224,469.24	195,048.81
June		1,325,735	1,928,533	1,348,788	236,146.07	194,054.20
July		1,377,619	1,729,196	1,332,770	200,456.22	176,130.26
August		2,079,999	1,600,829	1,170,786	224,870.37	193,698.18
September		4,665,055	1,427,059	1,616,802	192,491.11	199,672.82
October		3,472,480	1,243,741	1,413,749	180,729.13	201,573.25
November		2,524,500	1,451,076	1,333,053	198,983.65	253,774.39
December		4,204,846	2,874,063	1,435,148	1,329,433	177,545.78
Total	8,584,145	3,648,413	1,250,610	1,912,322	258,082.36	264,931.02
INCREASE	\$5,707,492	INCREASE	\$1,471,709	INCREASE	\$110,177.56	

## PORT OF QUEBEC

RECAPITULATION of the total import for the year ending 31st December 1919 showing the Countries whence imported with a comparative Statement of the previous year 1918

Nos	COUNTRIES	Value	Value	Decrease	Increase
		1918	1919	1919	1919
		\$	\$	\$	\$
1	Great Britain	933,965	2,066,410		1,132,445
2	United States	14,723,436	15,016,958		293,522
3	British West Indies	867,064	570,704	296,360	
4	Sunatra		336		336
5	France	113,503	292,789		179,286
6	Holland	249	82,892		82,643
7	Belgium		10,828		10,828
8	Spain	11,802	43,653		31,851
9	Japan	47,799	38,614	9,185	
10	Newfoundland	45,302	39,094	6,208	
11	Italy	3,199	2,832	367	
12	China	19,221	29,846		10,625
13	Portugal	882	5,922		5,040
14	British Guiana	5,344	3,281	12,063	
15	Norway	293		293	
16	Java	1,536	12,564		11,028
17	Cuba	534		534	
18	Singapore Asia	23,104	39,328		16,224
19	Switzerland	9,225	8,846	279	
20	Sweden	9,358	4,279	5,079	
21	South America	1,980	30,401		34,421
22	Venezuela		1,019		1,019
23	British India	27,625	27,625		
24	Jamaica	4,901	29,375		25,774
25	Australia	18,715	1,093	17,622	
26	Brazil	4,478	12,369		7,896
27	Greece	3,515		3,515	
28			7,986		7,986
Total		16,885,730	18,357,439	379,230	1,850,939

## PORT OF QUEBEC

COMPARATIVE STATEMENT of the Number and Tonnage of Sea going Steamers and Sailing Vessels with the Number of Men employed, entered Inwards and Outwards for the years ending on the 31st December, 1918 and 1919 showing the Countries from whence they came and for which they cleared, whether with Cargo or in Ballast, also distinguishing the Countries to which they belonged:

Compiled by J. A. SENTERRE, of H. M. CUSTOMS

## RETURN OF VESSELS INWARDS FOR THE YEARS ENDING

31st DECEMBER 1918 and 1919

## RETURN OF VESSELS OUTWARDS FOR THE YEARS

ENDING 31st DECEMBER 1918 and 1919.

1918.			1919.		
Vessels	Tons	Men	Vessels	Tons	Men
Total Vessels arrived .....					
Vessels with cargoes.....					
do in ballast.....	18	77,897	131	663,648	230,000
Total.....	76	354,699	188	775,910	267,711
Number of Steamers.....					
do sailing Vessels.....	73	354,699	175	773,396	266,006
Total.....	76	354,699	188	775,910	267,711
British Vessels.....					
Foreign Vessels.....	75	354,699	168	753,915	266,018
Total.....	76	354,699	188	775,910	267,711
UNDER WHAT FLAG					
British.....	75	354,699	168	753,915	266,018
United States.....	1	250	6	18,696	1,711
Norwegian.....	1	250	24	112,262	17,711
Swedish.....	1	250	1	250	38
German.....	1	250	1	250	38
Belgian.....	1	250	1	250	38
Holland.....	1	250	1	250	38
Italian.....	1	250	1	250	38
Danish.....	1	250	1	250	38
Spanish.....	1	250	1	250	38
Greek.....	1	250	1	250	38
Brazil.....	1	250	1	250	38
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Compiled by J. A. SENTERRE, of H. M. CURTIS

# PORT OF QUEBEC.

Periods showing the opening of navigation at the Port of Quebec, in each year, from 1832 to 1919 inclusively; also the date of closing thereof during that period:

Return of the Number and Tonnage of Shipping vessels entered Inwards and Outwards at this Port, from 1850 to 1919.

Year	ARRIVALS		INWARDS		OUTWARDS					
	From Montreal Steamers	Arrivals from Sea	Vessels	Tonnage	Vessels	Tonnage.				
1832	April	29	May	4	November	1850	1186	55484	1270	68021
1833	"	18	"	10	"	1851	1234	54123	1408	65913
1834	"	18	"	25	"	1852	1331	670738	1408	66947
1835	May	4	"	25	"	1853	1331	670738	1408	66947
1836	"	1	"	25	"	1854	1410	615946	1538	66947
1837	"	1	"	25	"	1855	1410	615946	1538	66947
1838	April	28	May	23	"	1856	1410	615946	1538	66947
1839	"	21	"	25	"	1857	1410	615946	1538	66947
1840	May	18	April	25	"	1858	1410	615946	1538	66947
1841	"	18	"	25	"	1859	1410	615946	1538	66947
1842	May	21	May	25	"	1860	1410	615946	1538	66947
1843	May	21	May	25	"	1861	1410	615946	1538	66947
1844	May	21	May	25	"	1862	1410	615946	1538	66947
1845	May	21	May	25	"	1863	1410	615946	1538	66947
1846	May	21	May	25	"	1864	1410	615946	1538	66947
1847	May	21	May	25	"	1865	1410	615946	1538	66947
1848	May	21	May	25	"	1866	1410	615946	1538	66947
1849	May	21	May	25	"	1867	1410	615946	1538	66947
1850	May	21	May	25	"	1868	1410	615946	1538	66947
1851	May	21	May	25	"	1869	1410	615946	1538	66947
1852	May	21	May	25	"	1870	1410	615946	1538	66947
1853	May	21	May	25	"	1871	1410	615946	1538	66947
1854	May	21	May	25	"	1872	1410	615946	1538	66947
1855	May	21	May	25	"	1873	1410	615946	1538	66947
1856	May	21	May	25	"	1874	1410	615946	1538	66947
1857	May	21	May	25	"	1875	1410	615946	1538	66947
1858	May	21	May	25	"	1876	1410	615946	1538	66947
1859	May	21	May	25	"	1877	1410	615946	1538	66947
1860	May	21	May	25	"	1878	1410	615946	1538	66947
1861	May	21	May	25	"	1879	1410	615946	1538	66947
1862	May	21	May	25	"	1880	1410	615946	1538	66947
1863	May	21	May	25	"	1881	1410	615946	1538	66947
1864	May	21	May	25	"	1882	1410	615946	1538	66947
1865	May	21	May	25	"	1883	1410	615946	1538	66947
1866	May	21	May	25	"	1884	1410	615946	1538	66947
1867	May	21	May	25	"	1885	1410	615946	1538	66947
1868	May	21	May	25	"	1886	1410	615946	1538	66947
1869	May	21	May	25	"	1887	1410	615946	1538	66947
1870	May	21	May	25	"	1888	1410	615946	1538	66947
1871	May	21	May	25	"	1889	1410	615946	1538	66947
1872	May	21	May	25	"	1890	1410	615946	1538	66947
1873	May	21	May	25	"	1891	1410	615946	1538	66947
1874	May	21	May	25	"	1892	1410	615946	1538	66947
1875	May	21	May	25	"	1893	1410	615946	1538	66947
1876	May	21	May	25	"	1894	1410	615946	1538	66947
1877	May	21	May	25	"	1895	1410	615946	1538	66947
1878	May	21	May	25	"	1896	1410	615946	1538	66947
1879	May	21	May	25	"	1897	1410	615946	1538	66947
1880	May	21	May	25	"	1898	1410	615946	1538	66947
1881	May	21	May	25	"	1899	1410	615946	1538	66947
1882	May	21	May	25	"	1900	1410	615946	1538	66947
1883	May	21	May	25	"	1901	1410	615946	1538	66947
1884	May	21	May	25	"	1902	1410	615946	1538	66947
1885	May	21	May	25	"	1903	1410	615946	1538	66947
1886	May	21	May	25	"	1904	1410	615946	1538	66947
1887	May	21	May	25	"	1905	1410	615946	1538	66947
1888	May	21	May	25	"	1906	1410	615946	1538	66947
1889	May	21	May	25	"	1907	1410	615946	1538	66947
1890	May	21	May	25	"	1908	1410	615946	1538	66947
1891	May	21	May	25	"	1909	1410	615946	1538	66947
1892	May	21	May	25	"	1910	1410	615946	1538	66947
1893	May	21	May	25	"	1911	1410	615946	1538	66947
1894	May	21	May	25	"	1912	1410	615946	1538	66947
1895	May	21	May	25	"	1913	1410	615946	1538	66947
1896	May	21	May	25	"	1914	1410	615946	1538	66947
1897	May	21	May	25	"	1915	1410	615946	1538	66947
1898	May	21	May	25	"	1916	1410	615946	1538	66947
1899	May	21	May	25	"	1917	1410	615946	1538	66947
1900	May	21	May	25	"	1918	1410	615946	1538	66947
1901	May	21	May	25	"	1919	1410	615946	1538	66947
1902	May	21	May	25	"	1920	1410	615946	1538	66947
1903	May	21	May	25	"	1921	1410	615946	1538	66947
1904	May	21	May	25	"	1922	1410	615946	1538	66947
1905	May	21	May	25	"	1923	1410	615946	1538	66947
1906	May	21	May	25	"	1924	1410	615946	1538	66947
1907	May	21	May	25	"	1925	1410	615946	1538	66947
1908	May	21	May	25	"	1926	1410	615946	1538	66947
1909	May	21	May	25	"	1927	1410	615946	1538	66947
1910	May	21	May	25	"	1928	1410	615946	1538	66947
1911	May	21	May	25	"	1929	1410	615946	1538	66947
1912	May	21	May	25	"	1930	1410	615946	1538	66947
1913	May	21	May	25	"	1931	1410	615946	1538	66947
1914	May	21	May	25	"	1932	1410	615946	1538	66947
1915	May	21	May	25	"	1933	1410	615946	1538	66947
1916	May	21	May	25	"	1934	1410	615946	1538	66947
1917	May	21	May	25	"	1935	1410	615946	1538	66947
1918	May	21	May	25	"	1936	1410	615946	1538	66947
1919	May	21	May	25	"	1937	1410	615946	1538	66947
1920	May	21	May	25	"	1938	1410	615946	1538	66947
1921	May	21	May	25	"	1939	1410	615946	1538	66947
1922	May	21	May	25	"	1940	1410	615946	1538	66947
1923	May	21	May	25	"	1941	1410	615946	1538	66947
1924	May	21	May	25	"	1942	1410	615946	1538	66947
1925	May	21	May	25	"	1943	1410	615946	1538	66947
1926	May	21	May	25	"	1944	1410	615946	1538	66947
1927	May	21	May	25	"	1945	1410	615946	1538	66947
1928	May	21	May	25	"	1946	1410	615946	1538	66947
1929	May	21	May	25	"	1947	1410	615946	1538	66947
1930	May	21	May	25	"	1948	1410	615946	1538	66947
1931	May	21	May	25	"	1949	1410	615946	1538	66947
1932	May	21	May	25	"	1950	1410	615946	1538	66947
1933	May	21	May	25	"	1951	1410	615946	1538	66947
1934	May	21	May	25	"	1952	1410	615946	1538	66947
1935	May	21	May	25	"	1953	1410	615946	1538	66947
1936	May	21	May	25	"	1954	1410	615946	1538	66947
1937	May	21	May	25	"	1955	1410	615946	1538	66947
1938	May	21	May	25	"	1956	1410	615946	1538	66947
1939	May	21	May	25	"	1957	1410	615946	1538	66947
1940	May	21	May	25	"	1958	1410	615946	1538	66947
1941	May	21	May	25	"	1959	1410	615946	1538	66947
1942	May	21	May	25	"	1960	1410	615946	1538	66947
1943	May	21	May	25	"	1961	1410	615946	1538	66947
1944	May	21	May	25	"	1962	1410	615946	1538	66947
1945	May	21	May	25	"	1963	1410	615946	1538	66947
1946	May	21	May	25	"	1964	1410	615946	1538	66947
1947	May	21	May	25	"	1965	1410	615946	1538	66947
1948	May	21	May	25	"	1966	1410	615946	1538	66947
1949	May	21	May	25	"	1967	1410	615946	1538	66947
1950	May	21	May	25	"	1968	1410	615946	1538	66947
1951	May	21	May	25	"	1969	1410	615946	1538	66947
1952	May	21	May	25	"	1970	1410	615946	1538	66947
1953	May	21	May	25	"	1971	1410	615946	1538	66947
1954	May	21	May	25	"	1972	1410	615946	1538	66947
1955	May	21	May	25	"	1973	1410	615946	1538	66947
1956	May	21	May	25	"	1974	1410	615946	1538	66947
1957	May	21	May	25	"	1975	1410	615946	1538	66947
1958	May	21	May	25	"	1976	1410	615946	1538	66947
1959	May	21	May	25	"	1977	1410	615946	1538	66947
1960	May	21	May	25	"	1978	1410	615946	1538	66947
1961	May	21	May	25	"	1979	1410	615946	1538	66947
1962	May	21	May	25	"	1980	1410	615946	1538	66947
1963	May	21	May	25	"	1981	1410	615946	1538	66947
1964	May	21	May	25	"	1982	1410	615946	1538	66947
1965	May	21	May	25	"	1983	1410	615946		

J. A. SENTERRE, of H. M. CURTIS

Quebec, 31st December, 1919.











JUL 13 1988

